

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033799.D
 Acq On : 13 Apr 2018 16:49
 Operator : SJ/JU
 Sample : J2163-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 14 00:49:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	28363	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	130437	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	109554	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	307219	20.00	ng	0.00
75) Chrysene-d12	22.55	240	310264	20.00	ng	0.00
86) Perylene-d12	26.32	264	322001	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.30	112	204495	135.19	ng	0.01
7) Phenol-d6	7.99	99	319094	122.78	ng	0.02
23) Nitrobenzene-d5	10.06	82	250135	88.11	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	220231	134.41	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	631695	83.24	ng	0.00
78) Terphenyl-d14	20.73	244	1292164	89.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.92	88	27208	35.420	ng	# 87
3) Pyridine	4.39	79	65054	30.636	ng	98
4) n-Nitrosodimethylamine	4.30	42	33173	38.068	ng	# 81
6) Aniline	8.17	93	44438	14.540	ng	# 91
8) 2-Chlorophenol	8.40	128	91041	52.648	ng	92
9) Benzaldehyde	7.96	77	22226	13.457	ng	89
10) Phenol	8.02	94	99622	38.824	ng	82
11) bis(2-Chloroethyl)ether	8.23	93	88746	42.372	ng	97
12) 1,3-Dichlorobenzene	8.89	146	94307	41.715	ng	96
13) 1,4-Dichlorobenzene	8.89	146	94307	41.653	ng	95
14) 1,2-Dichlorobenzene	9.22	146	99491	45.023	ng	97
15) Benzyl Alcohol	9.10	79	98128	47.955	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.37	45	178272	52.212	ng	80
17) 2-Methylphenol	9.64	107	111108	63.562	ng	86
18) Hexachloroethane	9.97	117	40048	45.829	ng	96
19) n-Nitroso-di-n-propylamine	9.66	70	97419	51.154	ng	92
20) 3+4-Methylphenols	9.64	107	112142	45.058	ng	91
22) Acetophenone	9.70	105	156414	43.770	ng	# 94
24) Nitrobenzene	10.10	77	132028	43.447	ng	94
25) Isophorone	10.61	82	247609	44.937	ng	100
26) 2-Nitrophenol	10.83	139	53352	46.374	ng	# 82
27) 2,4-Dimethylphenol	10.87	122	84020	50.272	ng	83
28) bis(2-Chloroethoxy)methane	11.10	93	128186	46.625	ng	97
29) 2,4-Dichlorophenol	11.38	162	107911	52.502	ng	95
30) 1,2,4-Trichlorobenzene	11.58	180	113755	42.598	ng	97
31) Naphthalene	11.78	128	310133	45.883	ng	96
32) Benzoic acid	11.02	122	28553	18.378	ng	# 89
33) 4-Chloroaniline	11.78	127	41617	13.743	ng	# 23
34) Hexachlorobutadiene	12.04	225	87914	43.534	ng	96
35) Caprolactam	12.63	113	30381	37.730	ng	89
36) 4-Chloro-3-methylphenol	12.98	107	134584	50.204	ng	94
37) 2-Methylnaphthalene	13.34	142	226490	43.171	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	154649	38.971	ng	98
40) Hexachlorocyclopentadiene	13.66	237	154892	66.582	ng	93

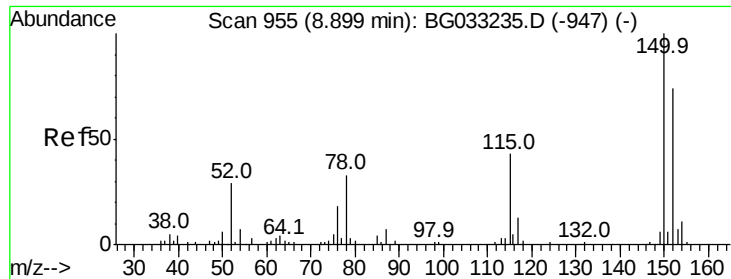
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	107560	46.651	nq	96
43) 2,4,5-Trichlorophenol	14.02	196	120923	44.372	nq	96
45) 1,1'-Biphenyl	14.31	154	352296	41.856	nq	95
46) 2-Chloronaphthalene	14.37	162	274980	42.371	nq	95
47) 2-Nitroaniline	14.57	65	104898	43.154	nq	96
48) Acenaphthylene	15.20	152	459806	42.446	nq	98
49) Dimethylphthalate	14.90	163	426751	44.760	nq	100
50) 2,6-Dinitrotoluene	15.04	165	90656	46.503	nq	95
51) Acenaphthene	15.54	154	275930	39.514	nq	96
52) 3-Nitroaniline	15.41	138	11958	5.851	nq	# 98
53) 2,4-Dinitrophenol	15.58	184	87727	86.238	nq	# 72
54) Dibenzofuran	15.87	168	463119	44.898	nq	91
55) 4-Nitrophenol	15.70	139	107130	74.543	nq	# 80
56) 2,4-Dinitrotoluene	15.82	165	134387	46.818	nq	93
57) Fluorene	16.51	166	378983	43.127	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	121239	47.256	nq	98
59) Diethylphthalate	16.24	149	442024	47.746	nq	99
60) 4-Chlorophenyl-phenylether	16.48	204	225044	44.550	nq	96
61) 4-Nitroaniline	16.55	138	47661	23.028	nq	90
62) Azobenzene	16.78	77	420969	46.941	nq	97
64) 4,6-Dinitro-2-methylphenol	16.57	198	82747	45.023	nq	95
65) n-Nitrosodiphenylamine	16.69	169	363018	41.390	nq	94
66) 4-Bromophenyl-phenylether	17.37	248	153647	42.585	nq	94
67) Hexachlorobenzene	17.50	284	155828	40.924	nq	97
68) Atrazine	17.62	200	110536	31.101	nq	99
69) Pentachlorophenol	17.85	266	203149	77.732	nq	99
70) Phenanthrene	18.25	178	652874	40.805	nq	98
71) Anthracene	18.34	178	663830	40.976	nq	98
72) Carbazole	18.60	167	637964	44.439	nq	98
73) Di-n-butylphthalate	19.09	149	763340	45.683	nq	# 98
74) Fluoranthene	20.20	202	825584	41.697	nq	98
76) Benzidine	20.73	184	22838	2.714	nq	# 88
77) Pyrene	20.56	202	846410	40.904	nq	99
79) Butylbenzylphthalate	21.41	149	337260	44.167	nq	96
80) Benzo(a)anthracene	22.53	228	796705	40.327	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	40666	5.784	nq	92
82) Chrysene	22.61	228	777497	40.655	nq	99
83) Bis(2-ethylhexyl)phthalate	22.35	149	472556	44.892	nq	99
84) Di-n-octyl phthalate	23.73	149	800052	49.640	nq	100
85) Indeno(1,2,3-cd)pyrene	30.71	276	868499	42.004	nq	# 80
87) Benzo(b)fluoranthene	25.11	252	730474	39.265	nq	# 95
88) Benzo(k)fluoranthene	25.19	252	791955	42.091	nq	# 96
89) Benzo(a)pyrene	26.14	252	730545	40.891	nq	# 97
90) Dibenzo(a,h)anthracene	30.78	278	734387	43.639	nq	# 95
91) Benzo(g,h,i)perylene	32.09	276	697792	41.873	nq	# 96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

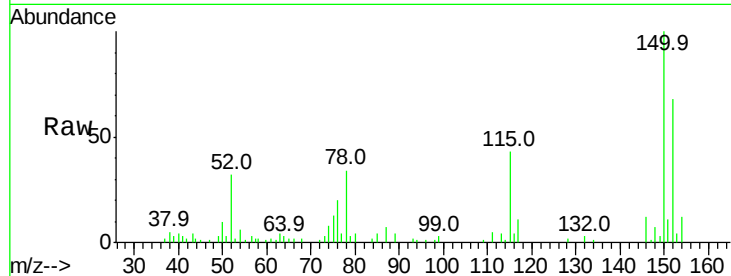


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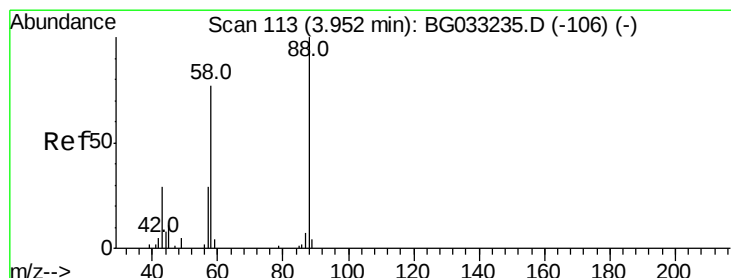
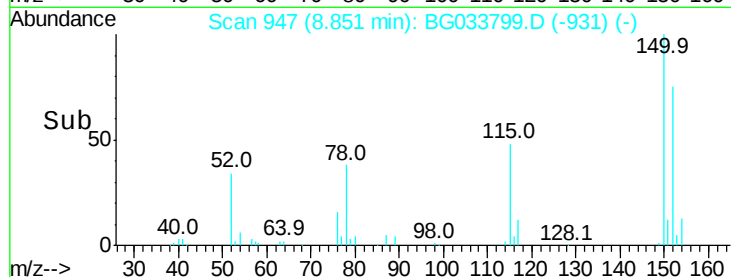
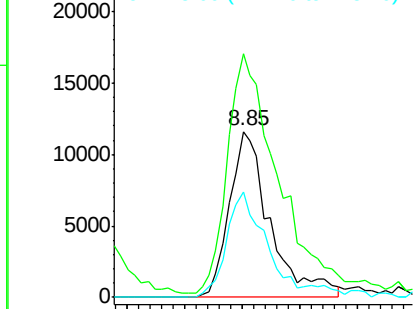
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28363
Ion Ratio Lower Upper
152 100
150 147.1 126.6 189.8
115 63.8 53.0 79.4



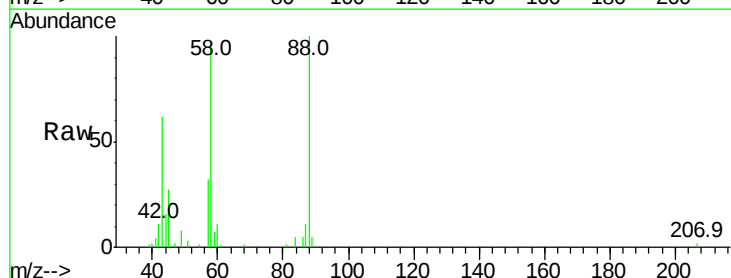
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



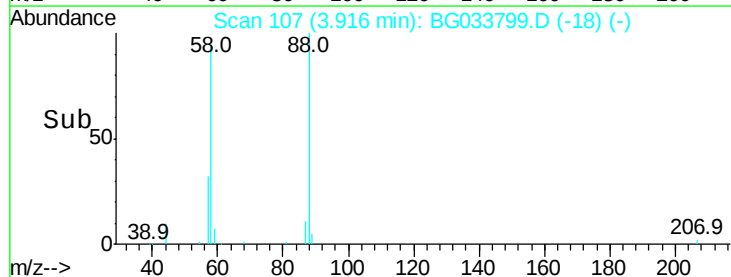
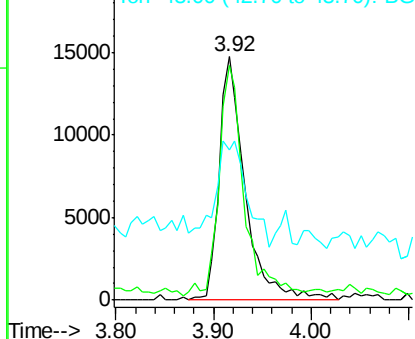
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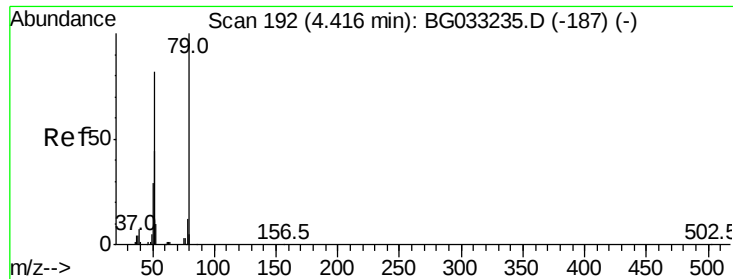
1,4-Dioxane
Concen: 35.420 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion: 88 Resp: 27208
Ion Ratio Lower Upper
88 100
58 92.4 79.6 119.4
43 50.9 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.636 ng

RT: 4.39 min Scan# 188

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

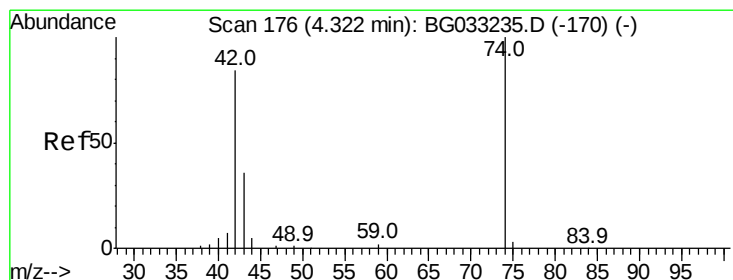
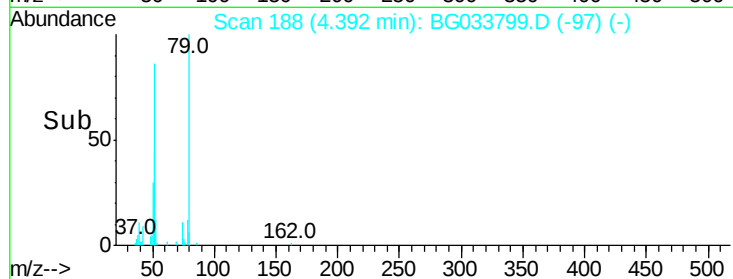
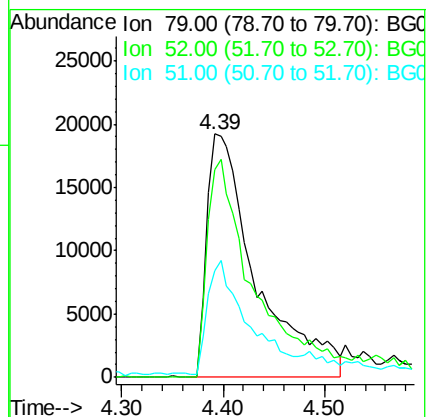
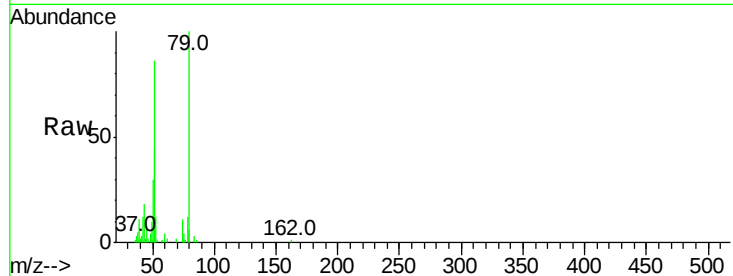
Tot Ion: 79 Resp: 65054

Ion Ratio Lower Upper

79 100

52 85.6 69.9 104.9

51 43.8 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 38.068 ng

RT: 4.30 min Scan# 173

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

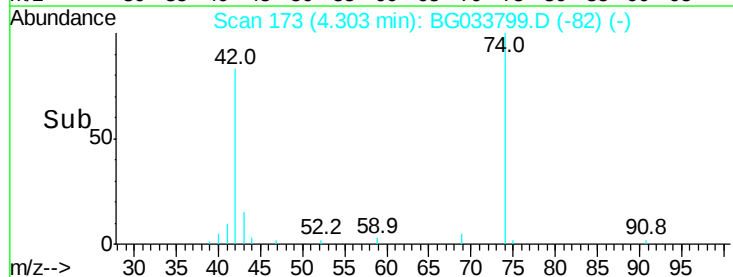
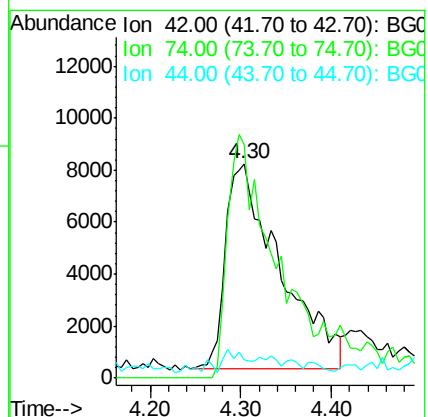
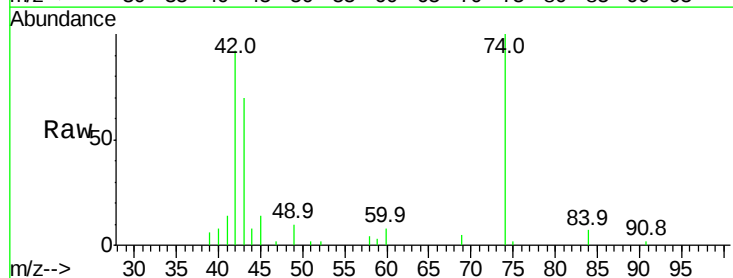
Tgt Ion: 42 Resp: 33173

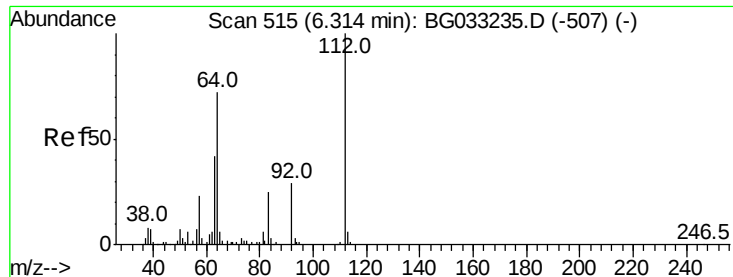
Ion Ratio Lower Upper

42 100

74 108.4 102.5 153.7

44 8.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 135.195 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

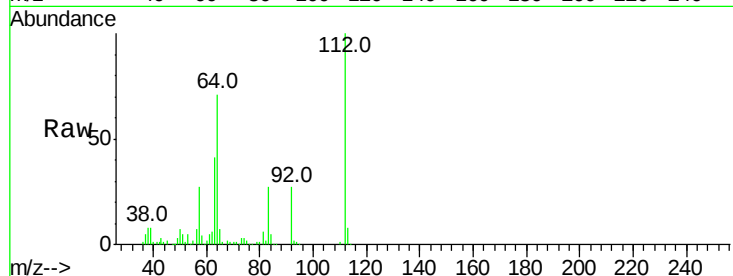
Tot Ion:112 Resp: 204495

Ion Ratio Lower Upper

112 100

64 70.6 56.3 84.5

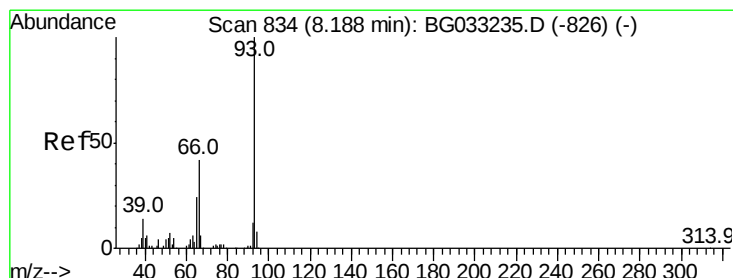
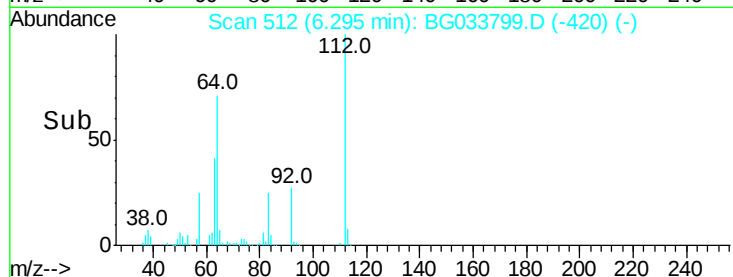
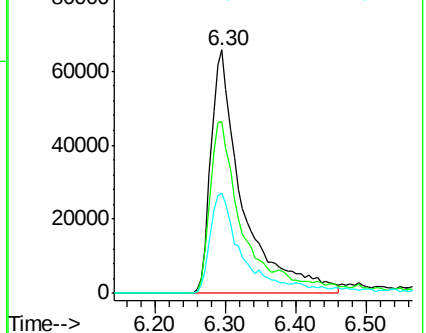
63 41.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.540 ng

RT: 8.17 min Scan# 831

Delta R.T. 0.02 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

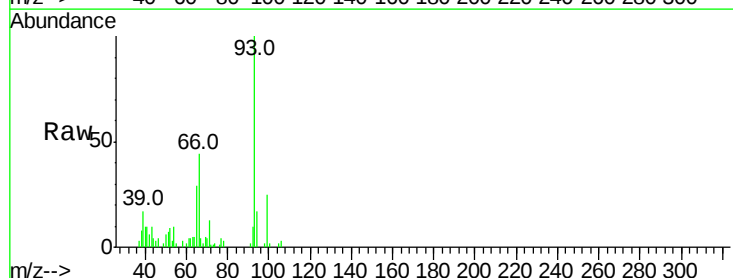
Tgt Ion: 93 Resp: 44438

Ion Ratio Lower Upper

93 100

66 44.2 33.7 50.5

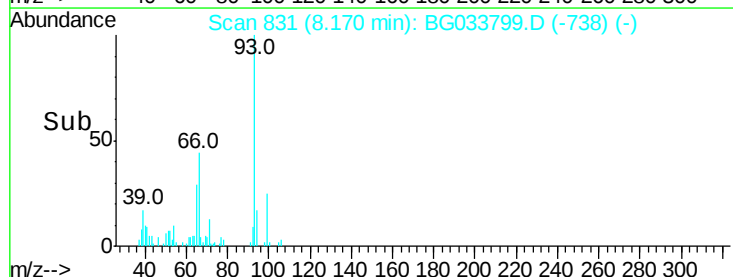
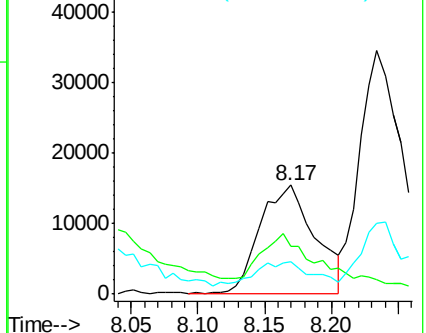
65 29.3 16.1 24.1#

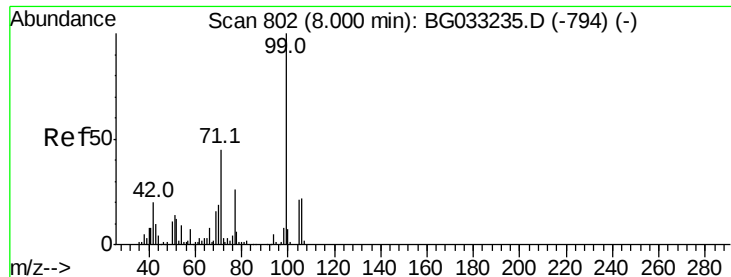


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.778 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

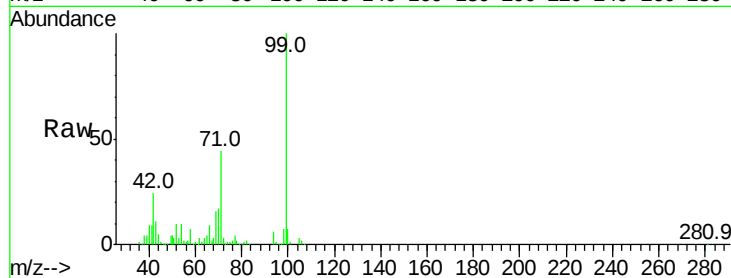
Tot Ion: 99 Resp: 319094

Ion Ratio Lower Upper

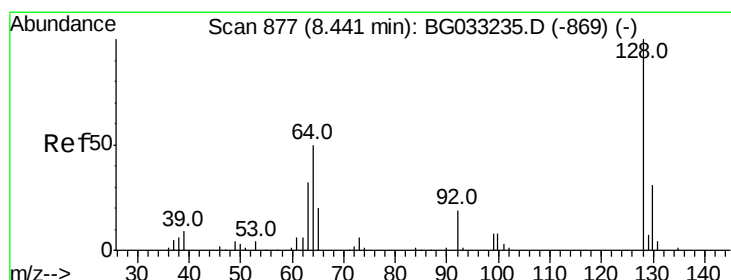
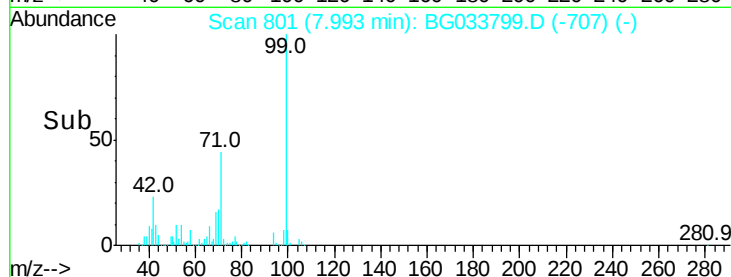
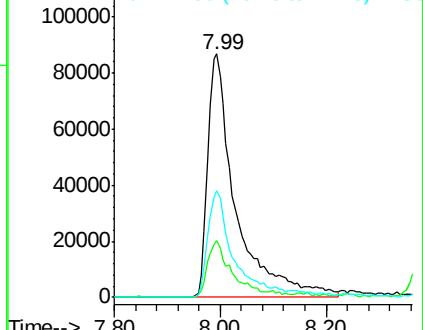
99 100

42 23.5 14.1 21.1#

71 43.8 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.648 ng

RT: 8.40 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

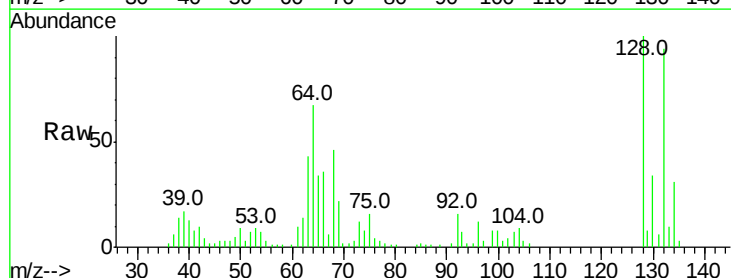
Tgt Ion:128 Resp: 91041

Ion Ratio Lower Upper

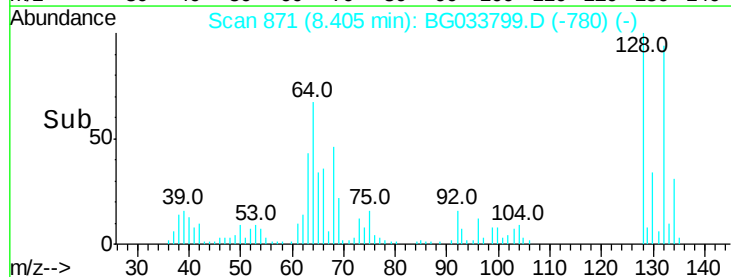
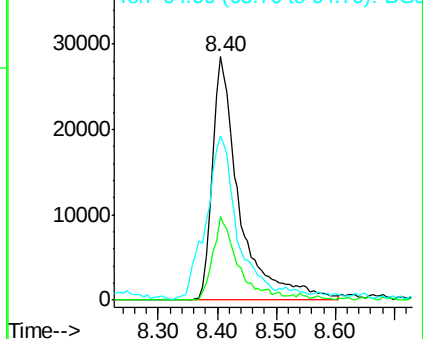
128 100

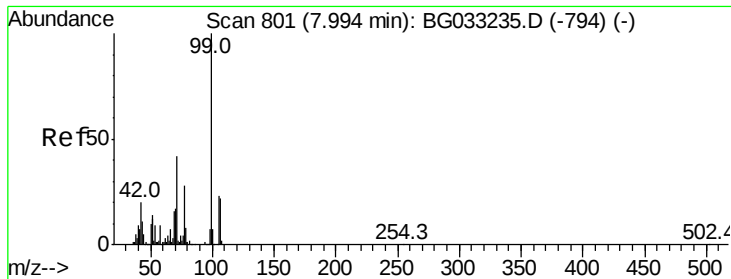
130 34.1 14.0 54.0

64 67.4 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 13.457 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

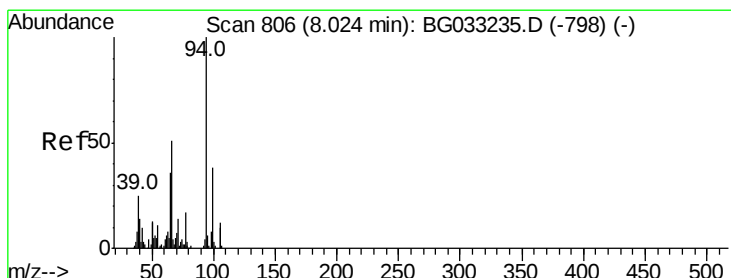
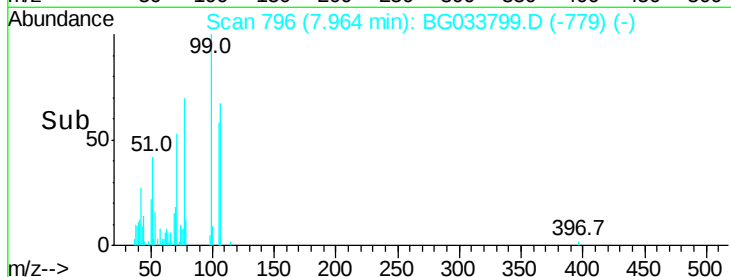
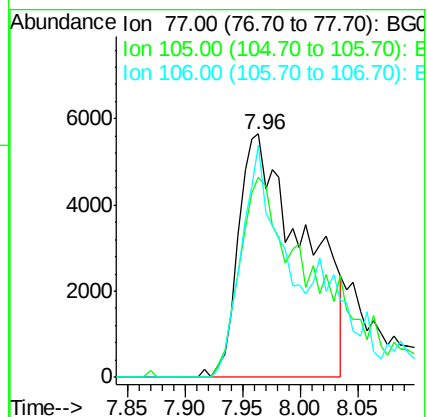
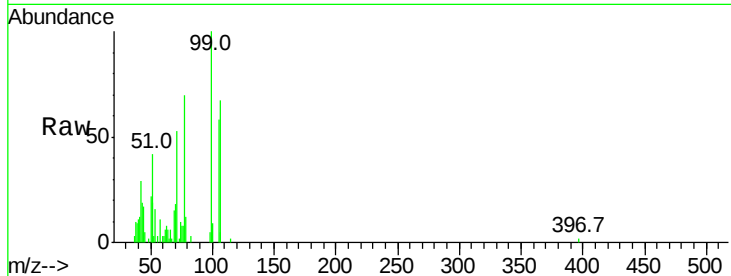
Tot Ion: 77 Resp: 22226

Ion Ratio Lower Upper

77 100

105 81.9 71.3 111.3

106 95.2 64.2 104.2



#10

Phenol

Concen: 38.824 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.02 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

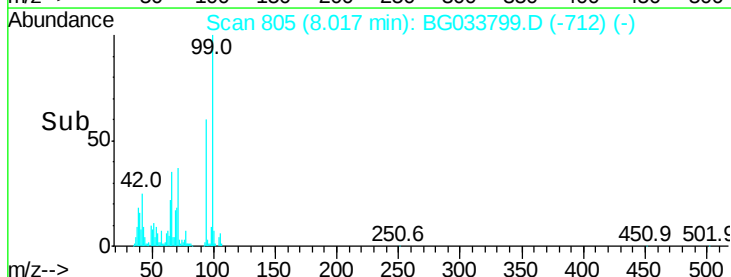
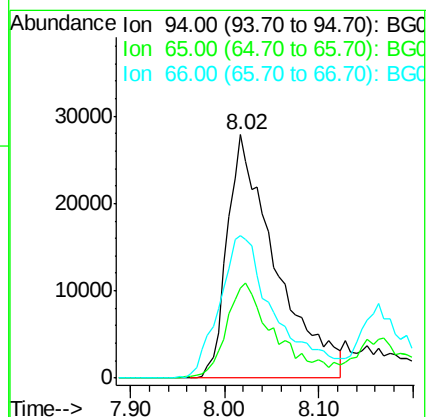
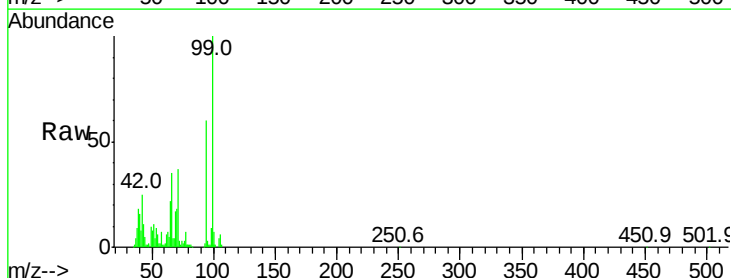
Tgt Ion: 94 Resp: 99622

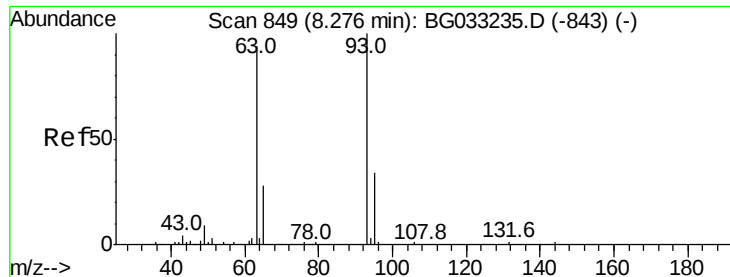
Ion Ratio Lower Upper

94 100

65 37.0 11.9 51.9

66 58.3 22.2 62.2

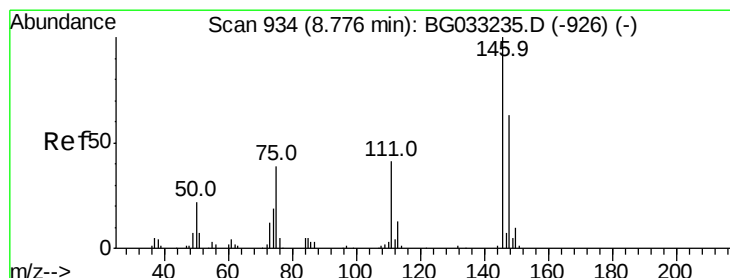
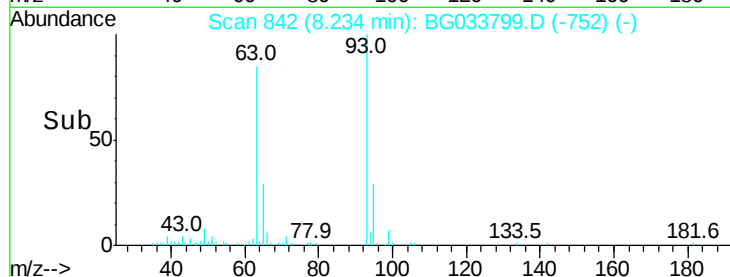
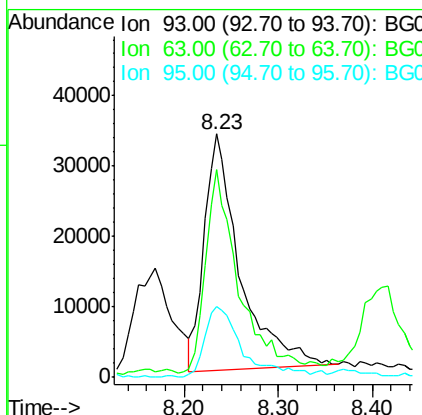
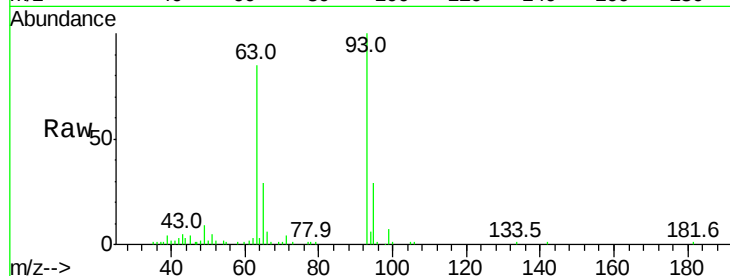




#11
 bis(2-Chloroethyl)ether
 Concen: 42.372 ng
 RT: 8.23 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

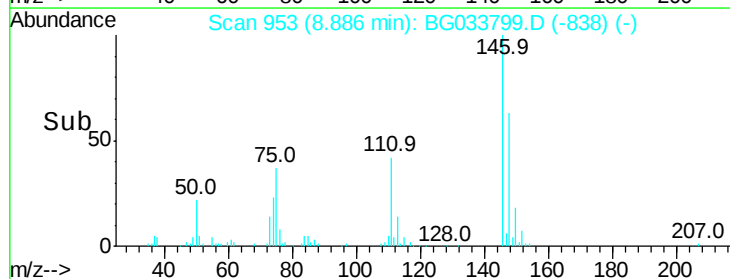
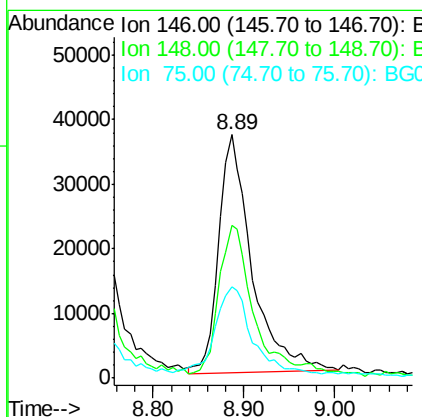
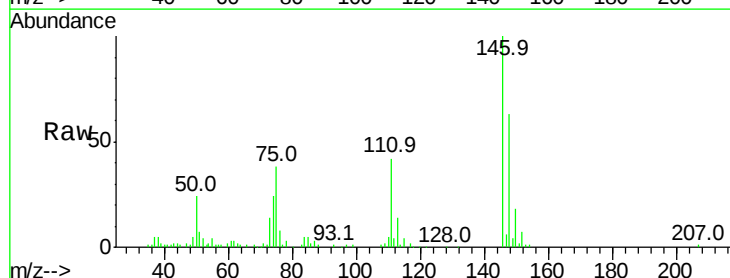
Instrument :
 BNA_G
 ClientSampleId :

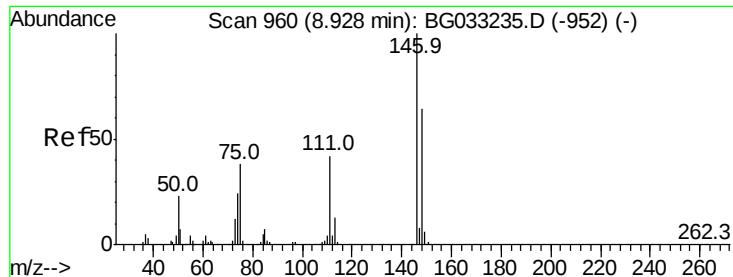
Tot Ion: 93 Resp: 88746
 Ion Ratio Lower Upper
 93 100
 63 85.4 67.1 107.1
 95 28.8 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 41.715 ng
 RT: 8.89 min Scan# 953
 Delta R.T. 0.15 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion: 146 Resp: 94307
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.4 77.2
 75 37.5 26.6 39.8

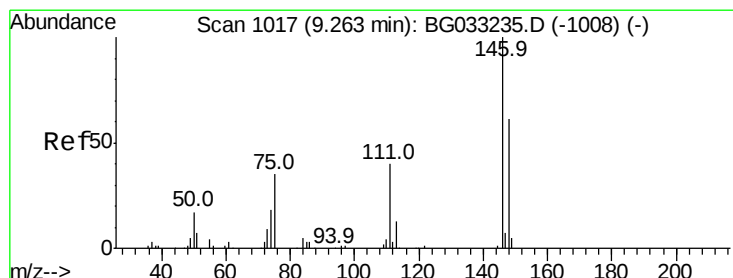
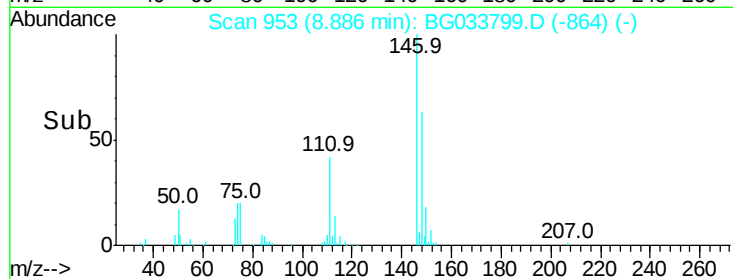
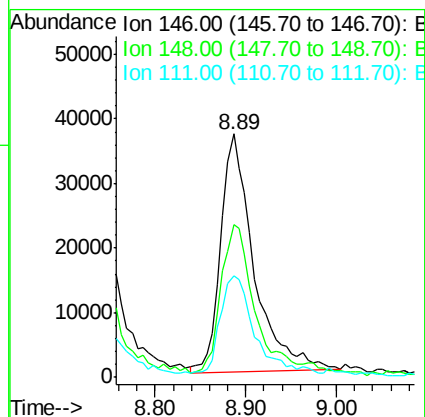
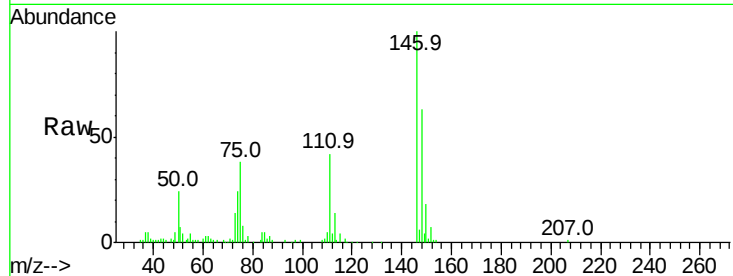




#13
1,4-Dichlorobenzene
Concen: 41.653 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

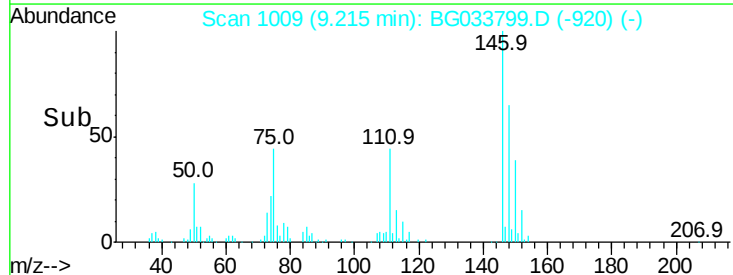
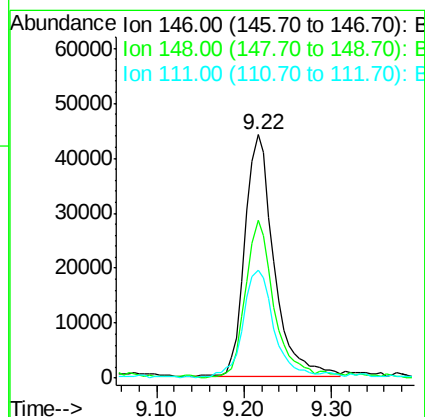
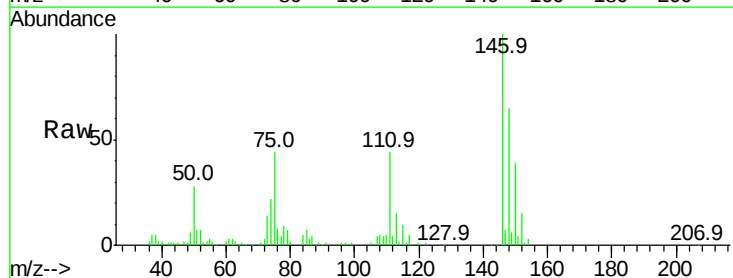
Instrument :
BNA_G
ClientSampleId :

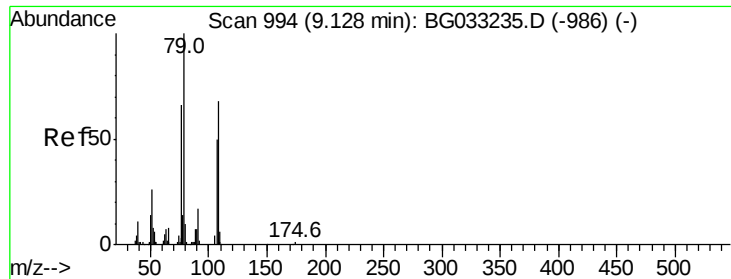
Tot Ion:146 Resp: 94307
Ion Ratio Lower Upper
146 100
148 63.0 53.7 80.5
111 41.6 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 45.023 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:146 Resp: 99491
Ion Ratio Lower Upper
146 100
148 64.6 49.3 73.9
111 44.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 47.955 ng

RT: 9.10 min Scan# 990

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

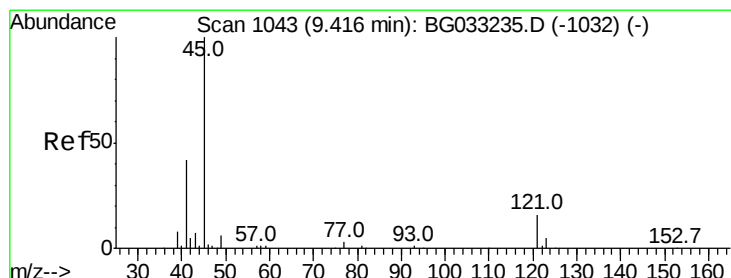
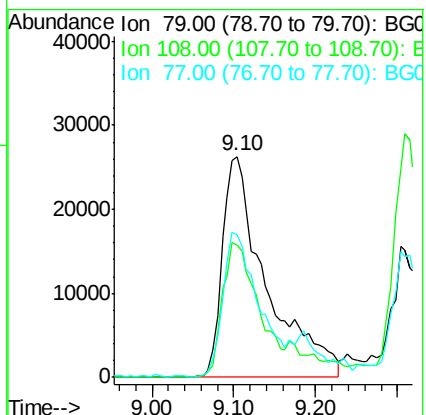
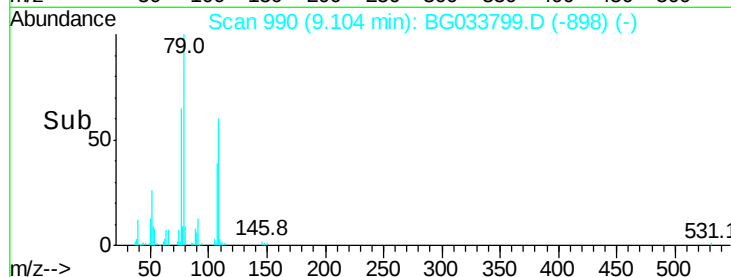
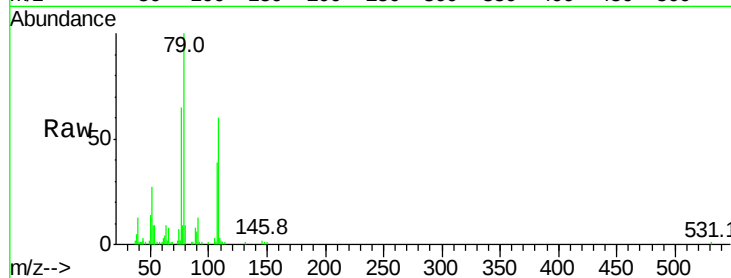
Tot Ion: 79 Resp: 98128

Ion Ratio Lower Upper

79 100

108 59.6 57.2 85.8

77 64.5 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.212 ng

RT: 9.37 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

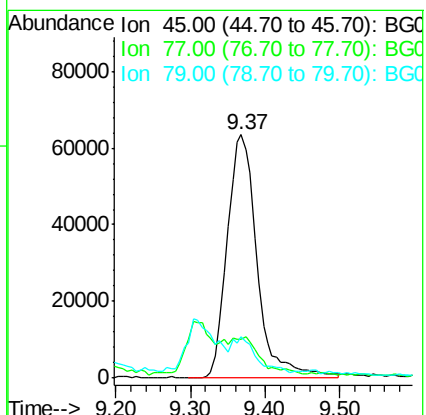
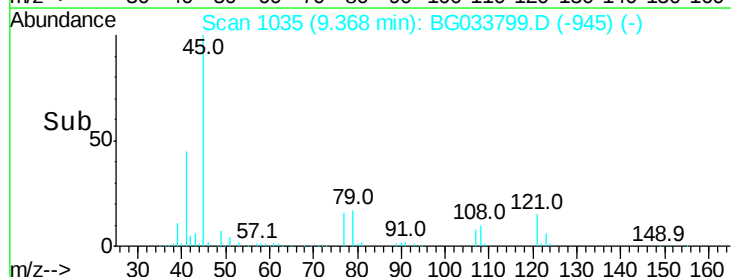
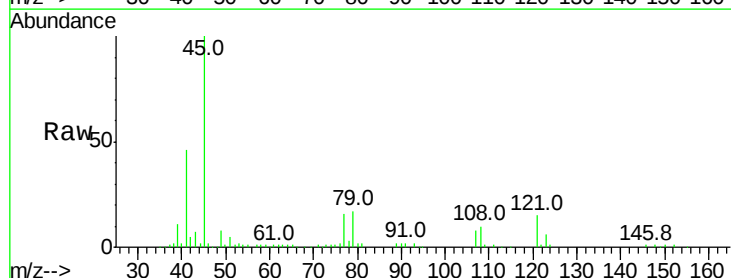
Tgt Ion: 45 Resp: 178272

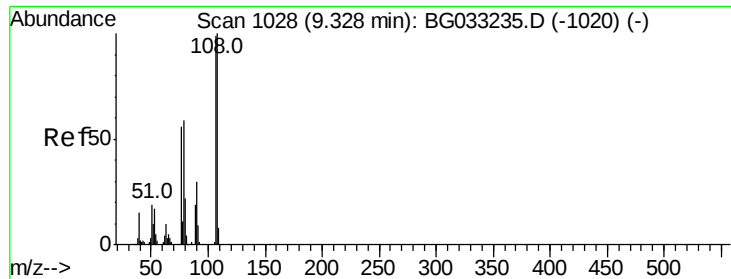
Ion Ratio Lower Upper

45 100

77 16.1 0.0 30.2

79 17.0 0.0 27.9





#17

2-Methylphenol

Concen: 63.562 ng

RT: 9.64 min Scan# 1082

Delta R.T. 0.35 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 111108

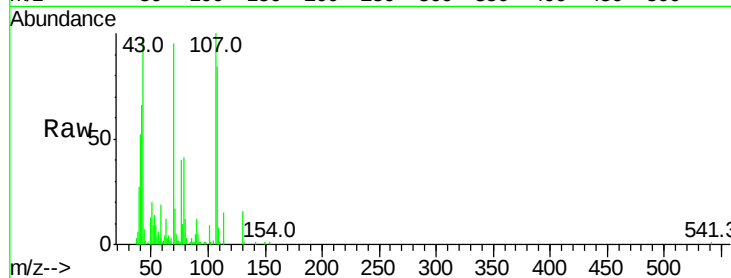
Ion Ratio Lower Upper

107 100

108 84.3 83.9 125.9

77 40.4 37.2 55.8

79 40.6 36.2 54.2

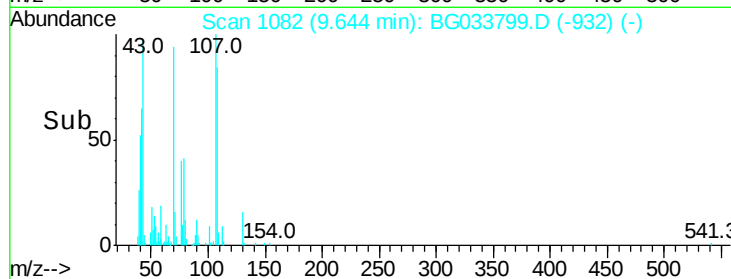
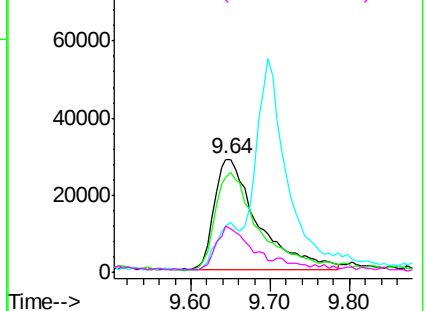


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.829 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

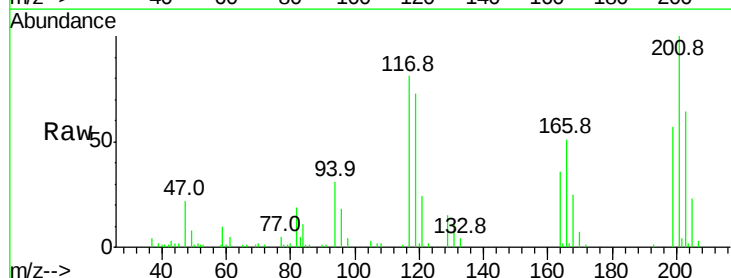
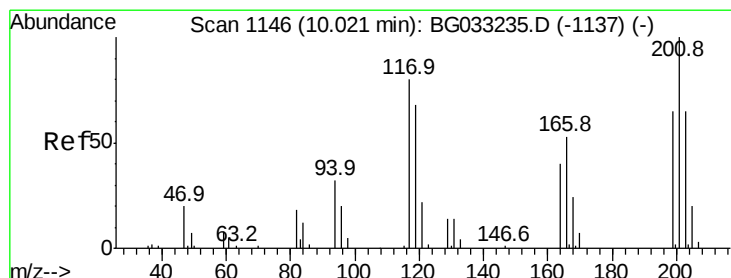
Tgt Ion:117 Resp: 40048

Ion Ratio Lower Upper

117 100

119 90.5 76.7 115.1

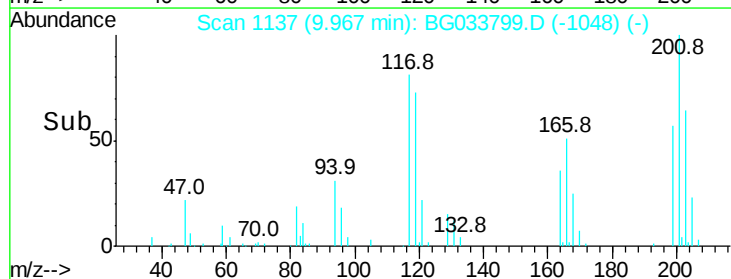
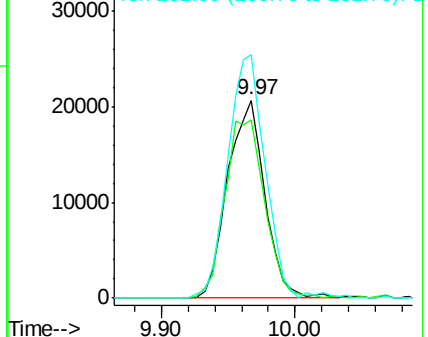
201 123.2 95.7 143.5

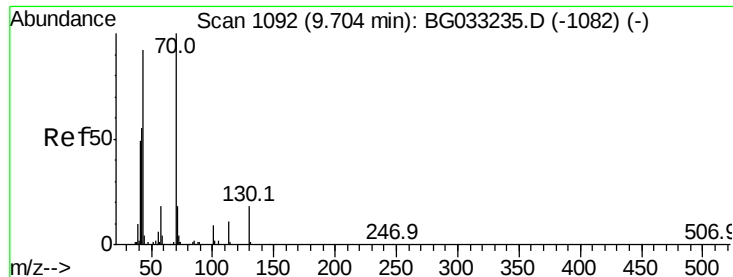


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

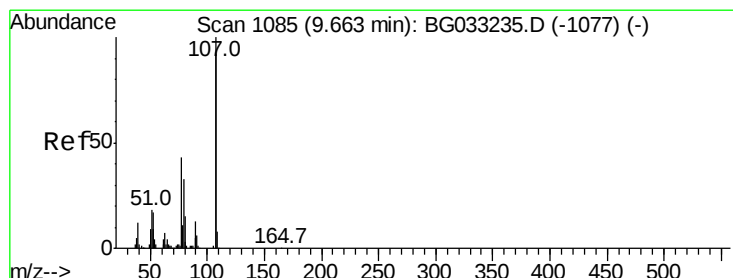
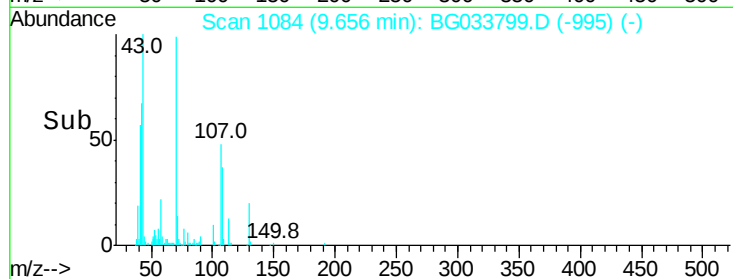
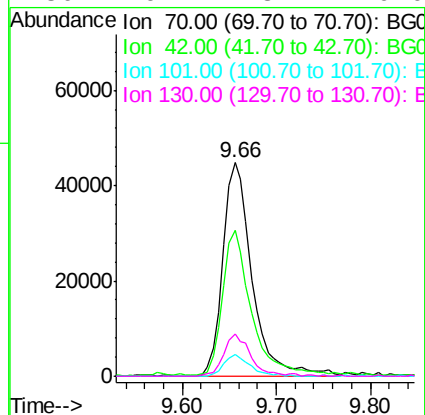
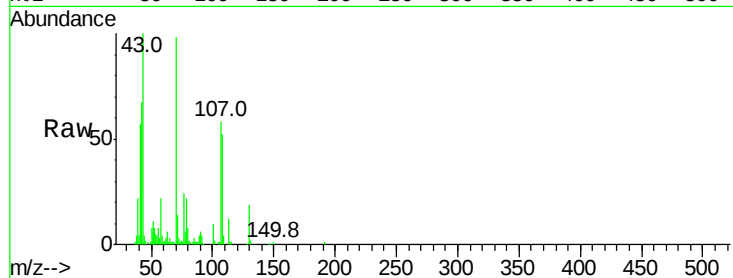




#19
n-Nitroso-di-n-propylamine
Concen: 51.154 ng
RT: 9.66 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

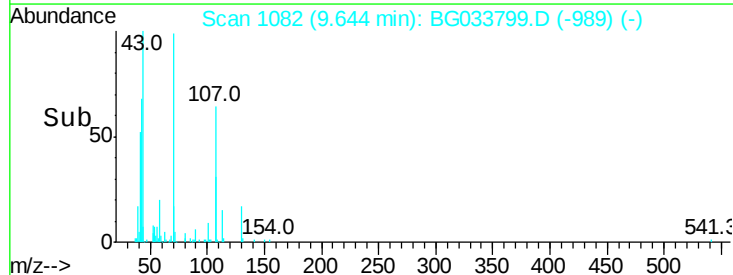
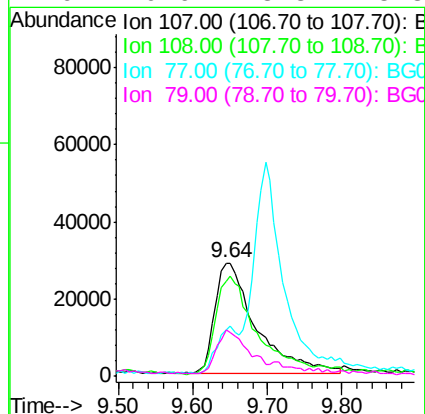
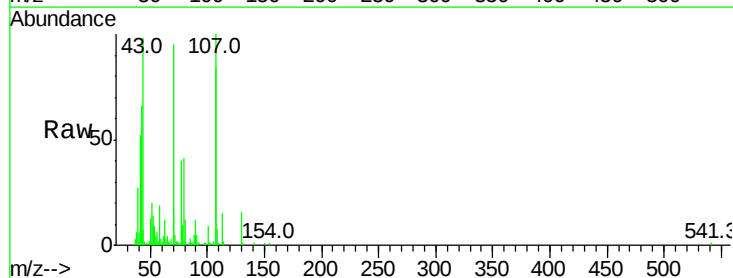
Instrument :
BNA_G
ClientSampleId :

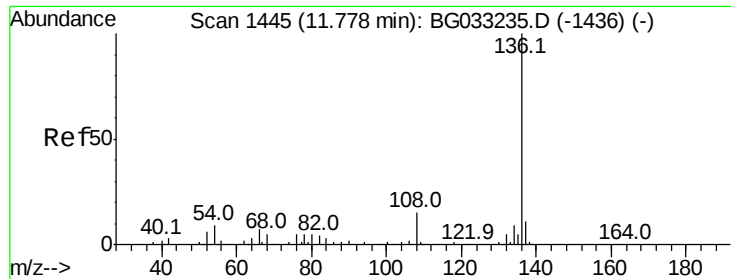
Tot Ion:	70	Resp:	97419
Ion	Ratio	Lower	Upper
70	100		
42	68.5	49.1	73.7
101	10.1	8.5	12.7
130	19.7	13.4	20.0



#20
3+4-Methylphenols
Concen: 45.058 ng
RT: 9.64 min Scan# 1082
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:	107	Resp:	112142
Ion	Ratio	Lower	Upper
107	100		
108	84.3	61.6	101.6
77	40.4	13.9	53.9
79	40.6	8.8	48.8

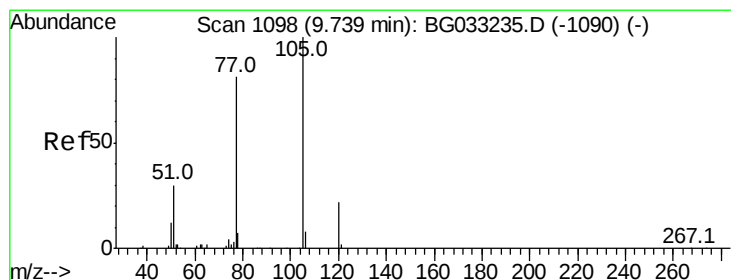
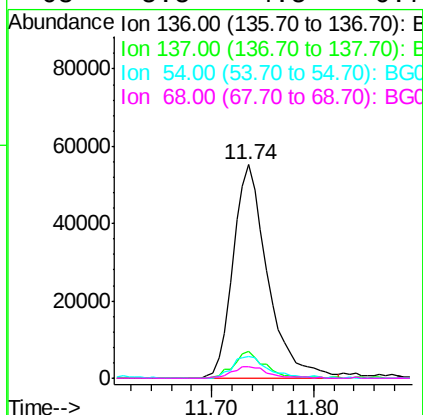
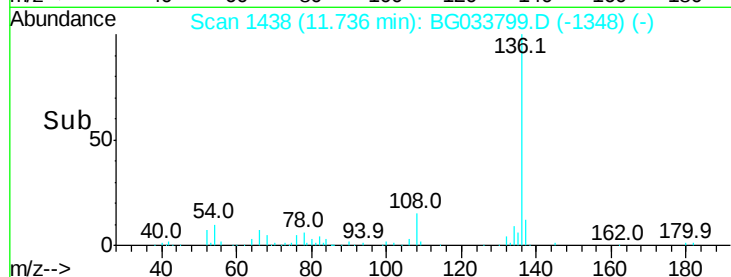
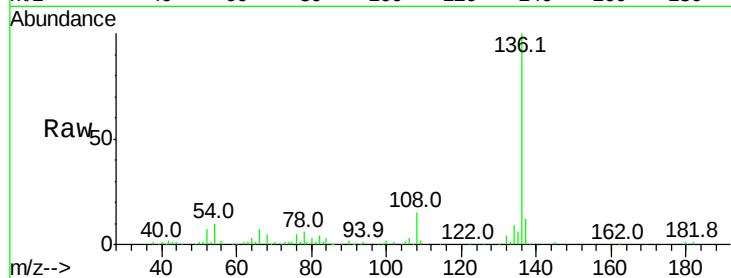




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

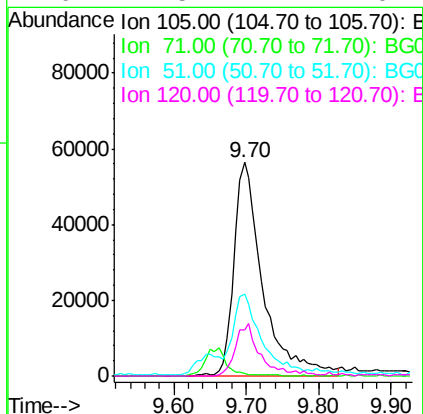
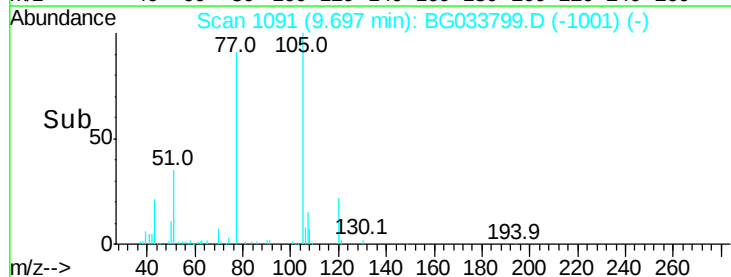
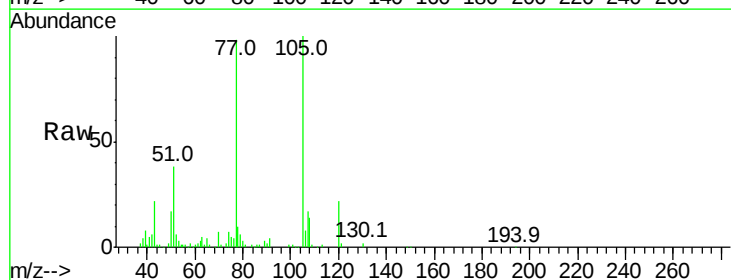
Instrument :
BNA_G
ClientSampleId :

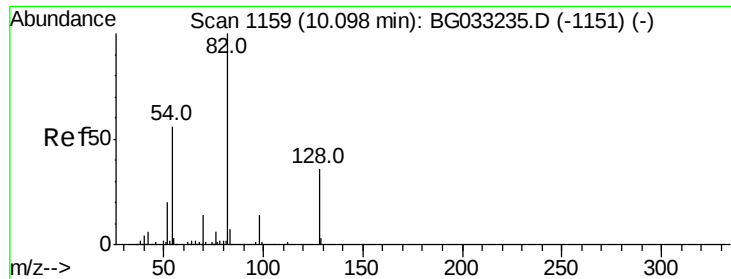
Tot Ion:136	Resp:	130437
Ion Ratio	Lower	Upper
136	100	
137	12.5	9.2 13.8
54	10.3	10.3 15.5#
68	5.5	4.5 6.7



#22
Acetophenone
Concen: 43.770 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:105	Resp:	156414
Ion Ratio	Lower	Upper
105	100	
71	1.4	3.0 4.4#
51	38.2	26.1 39.1
120	21.5	17.4 26.2





#23

Nitrobenzene-d5

Concen: 88.106 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampled :

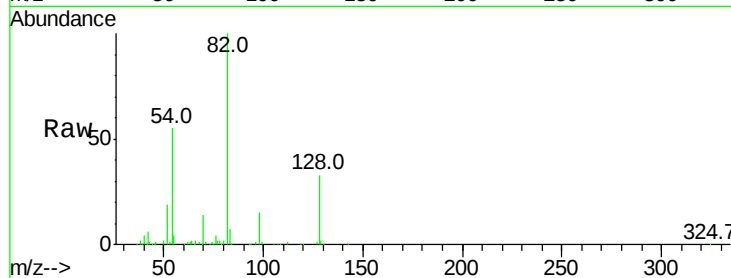
Tot Ion: 82 Resp: 250135

Ion Ratio Lower Upper

82 100

128 32.8 29.7 44.5

54 55.0 43.1 64.7



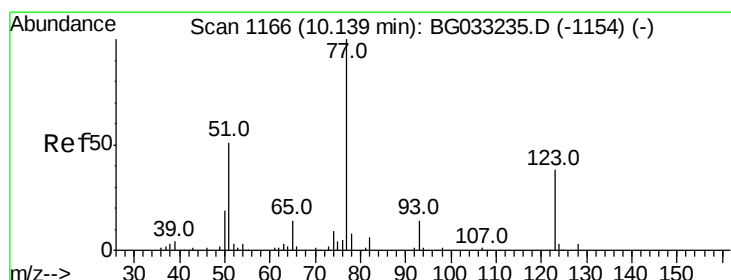
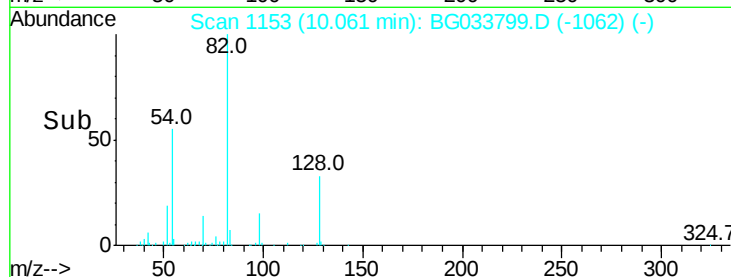
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

10.06

Time--> 9.90 10.00 10.10 10.20



#24

Nitrobenzene

Concen: 43.447 ng

RT: 10.10 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

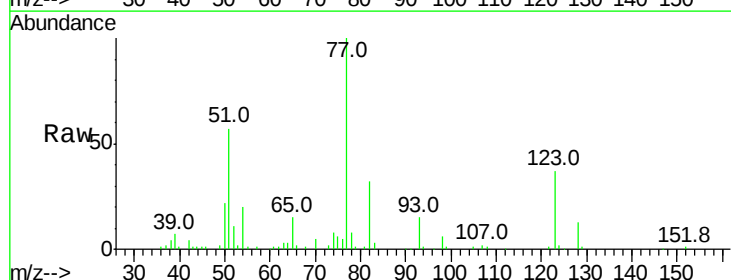
Tgt Ion: 77 Resp: 132028

Ion Ratio Lower Upper

77 100

123 36.9 33.0 49.6

65 15.1 13.0 19.6



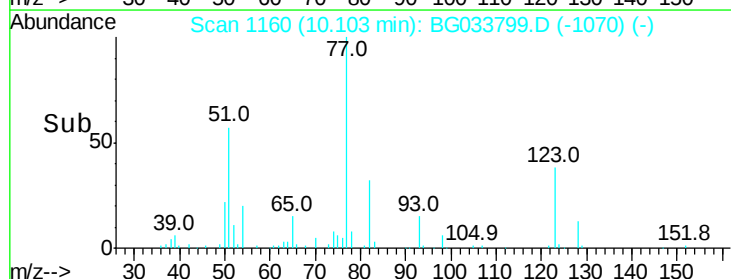
Abundance Ion 77.00 (76.70 to 77.70): BGC

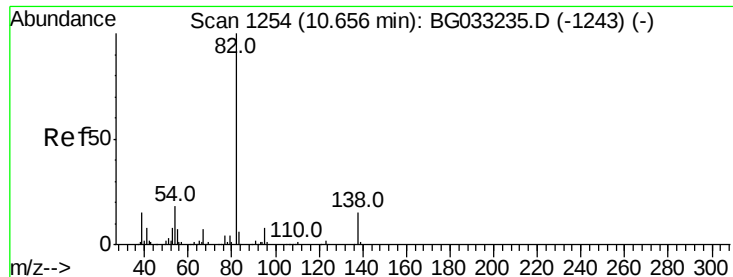
Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

10.10

Time--> 10.00 10.10 10.20





#25

Isophorone

Concen: 44.937 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

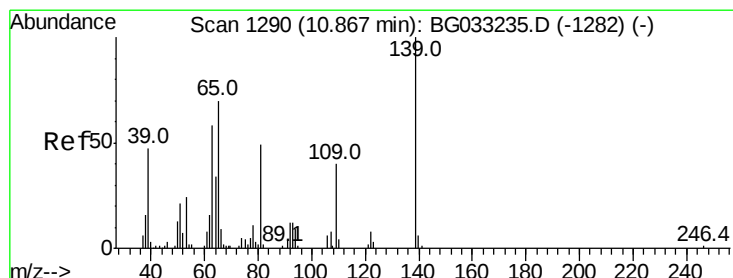
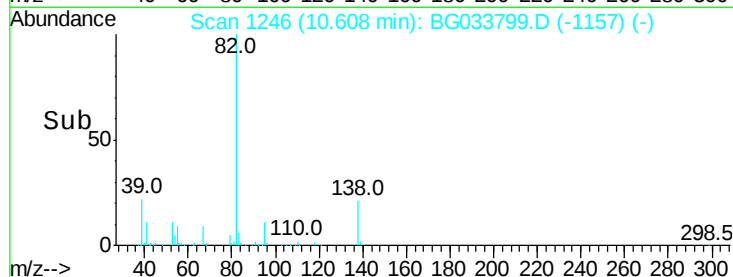
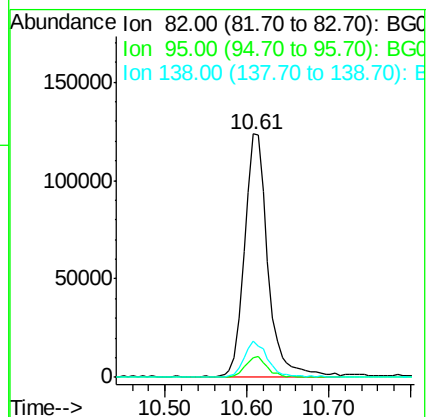
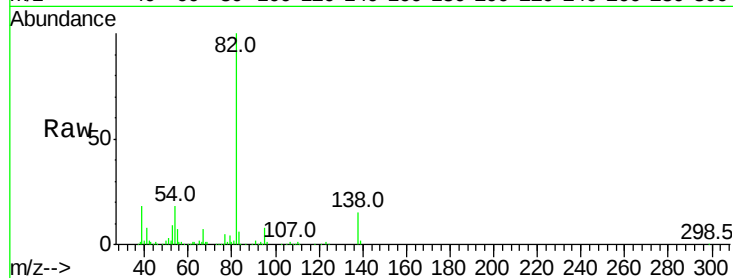
Tot Ion: 82 Resp: 247609

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 15.0 12.1 18.1



#26

2-Nitrophenol

Concen: 46.374 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

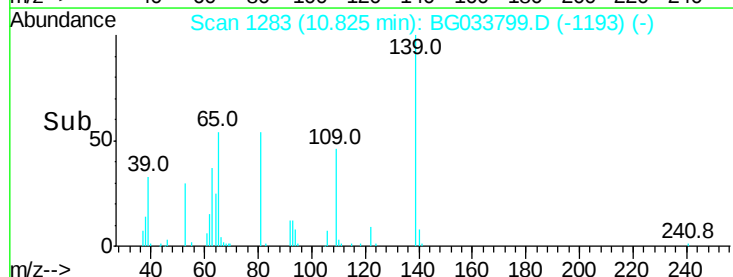
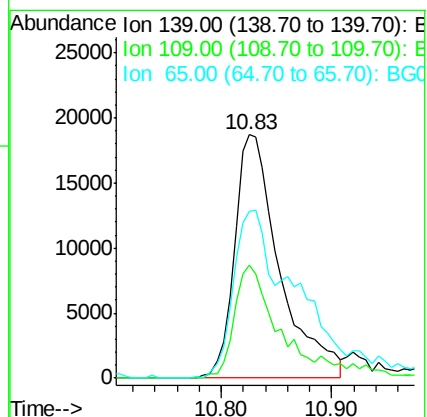
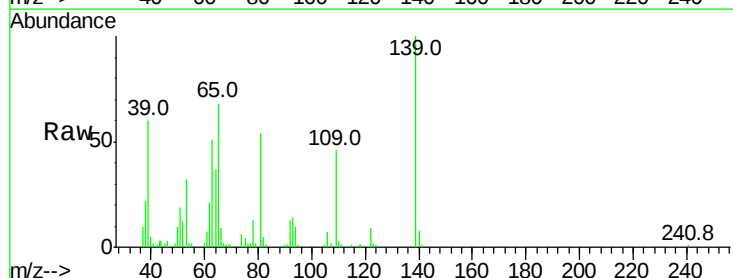
Tgt Ion: 139 Resp: 53352

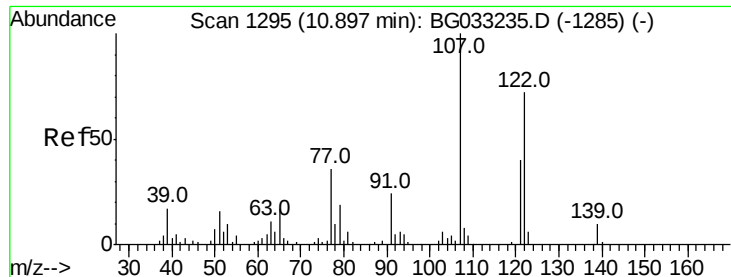
Ion Ratio Lower Upper

139 100

109 46.3 24.2 36.2#

65 68.3 47.4 71.0

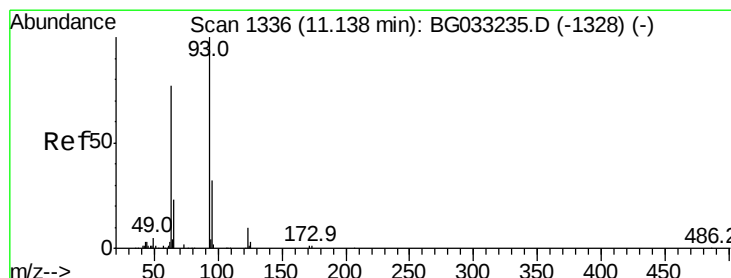
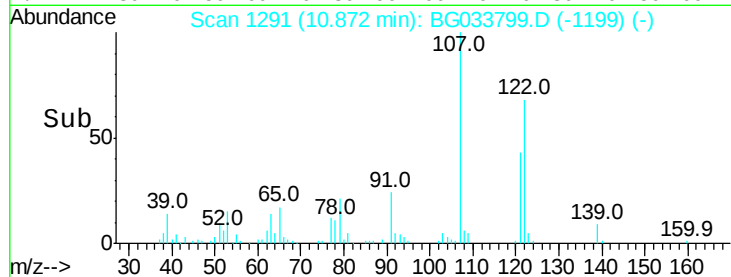
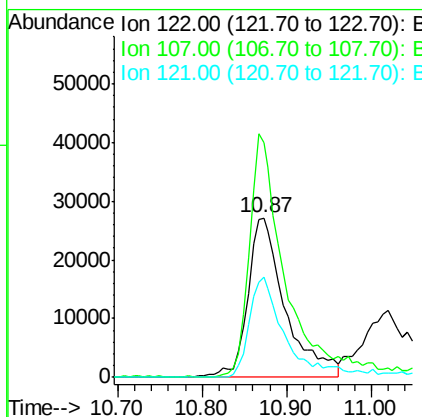
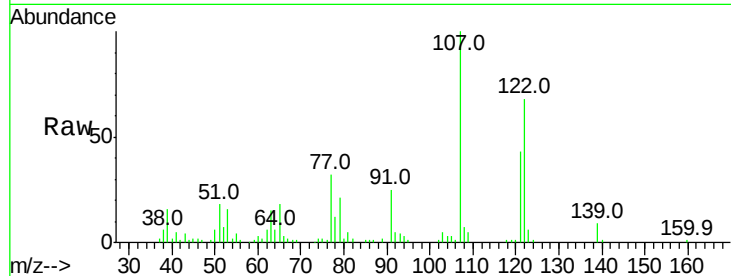




#27
2,4-Dimethylphenol
Concen: 50.272 ng
RT: 10.87 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

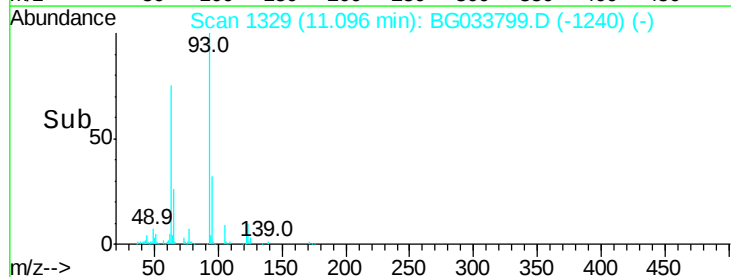
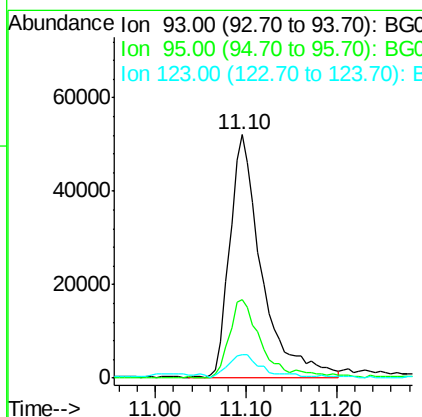
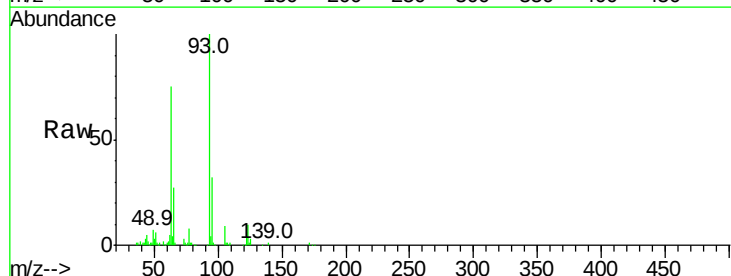
Instrument :
BNA_G
ClientSampled :

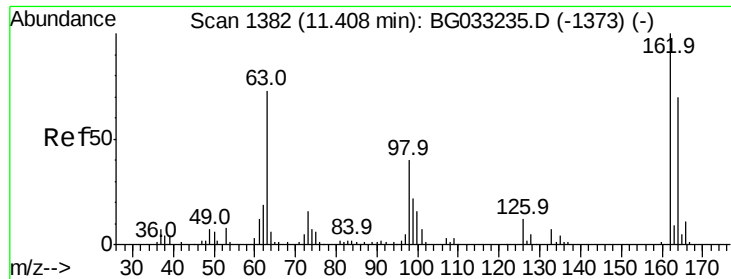
Tot Ion:122 Resp: 84020
Ion Ratio Lower Upper
122 100
107 147.2 100.2 150.2
121 63.1 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.625 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion: 93 Resp: 128186
Ion Ratio Lower Upper
93 100
95 32.2 24.3 36.5
123 9.8 8.4 12.6

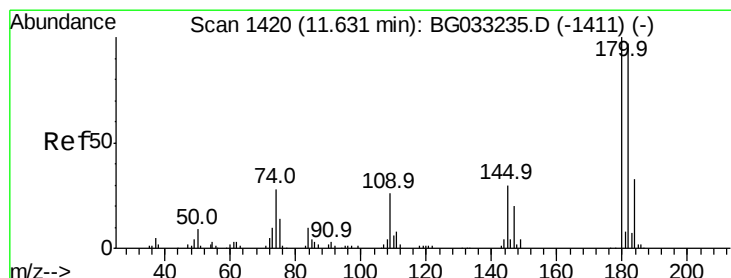
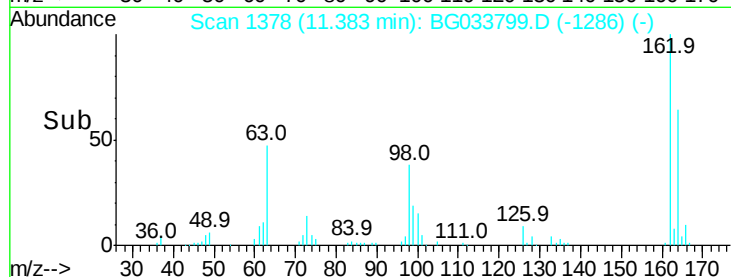
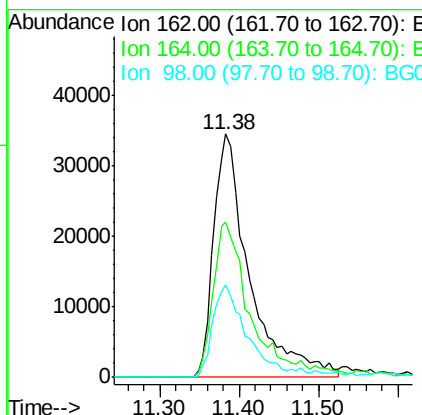
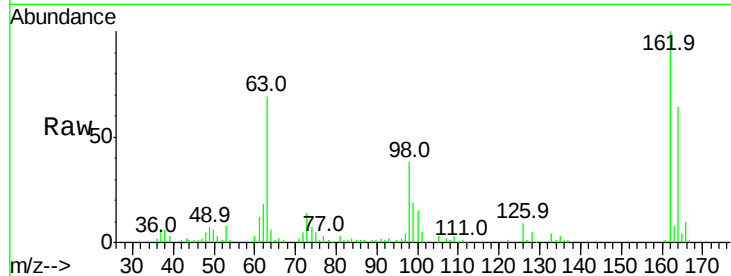




#29
 2,4-Dichlorophenol
 Concen: 52.502 ng
 RT: 11.38 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

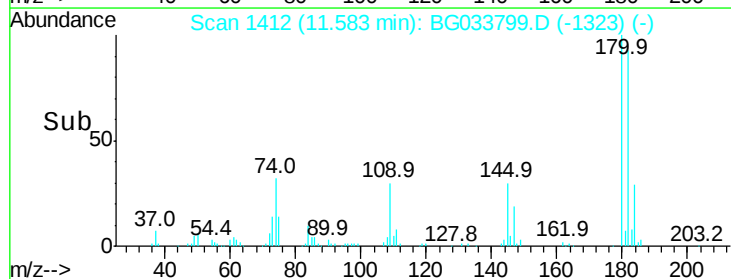
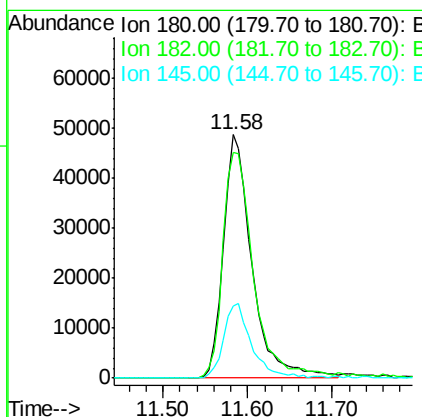
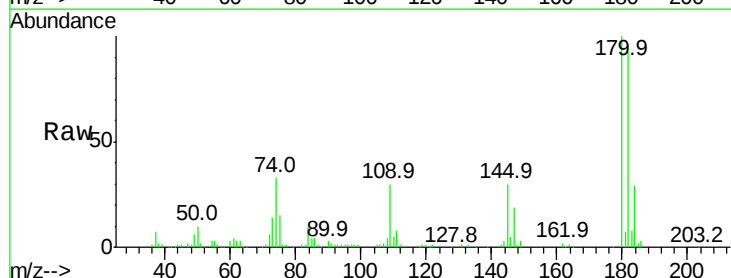
Instrument :
 BNA_G
 ClientSampled :

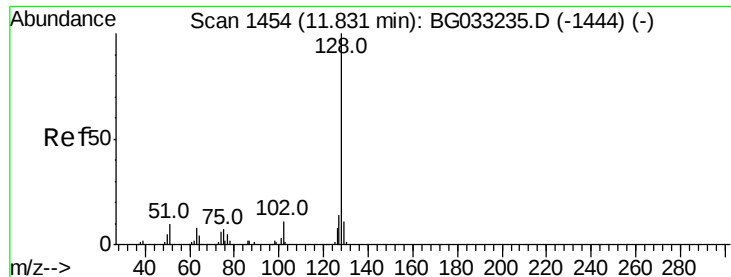
Tot Ion:162 Resp: 107911
 Ion Ratio Lower Upper
 162 100
 164 63.9 48.0 88.0
 98 37.9 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.598 ng
 RT: 11.58 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion:180 Resp: 113755
 Ion Ratio Lower Upper
 180 100
 182 92.9 77.5 116.3
 145 29.7 23.4 35.2

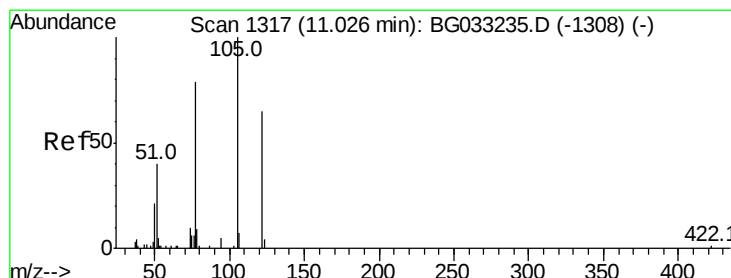
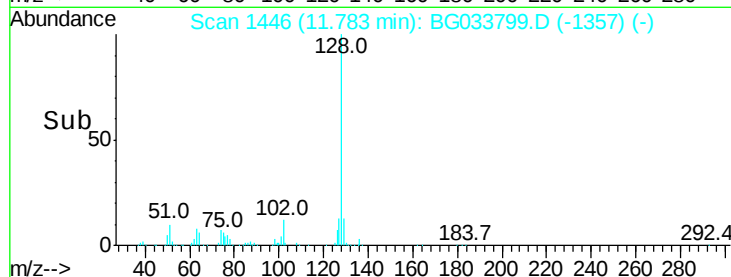
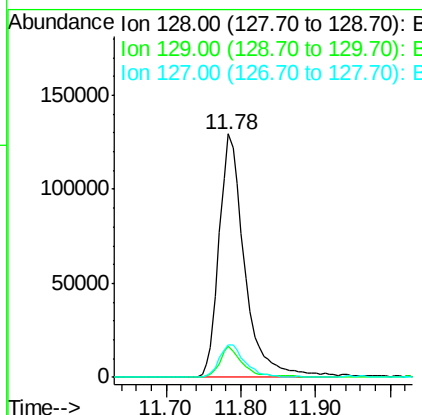
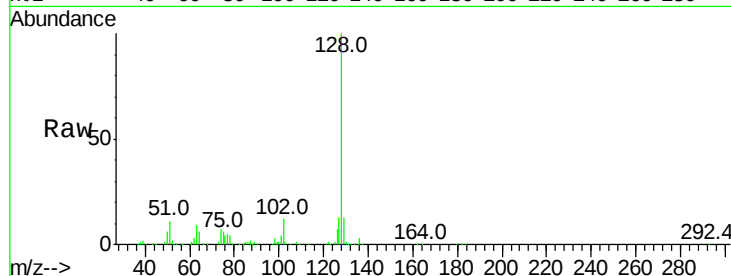




#31
Naphthalene
Concen: 45.883 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

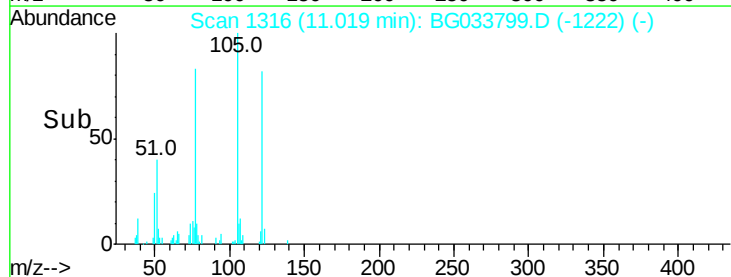
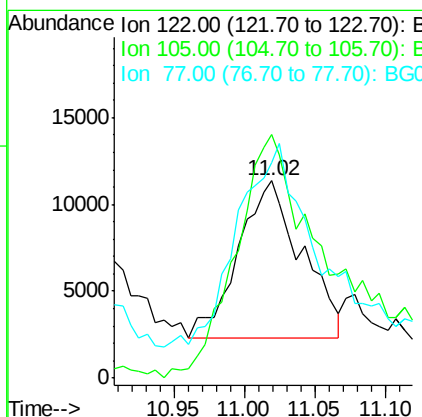
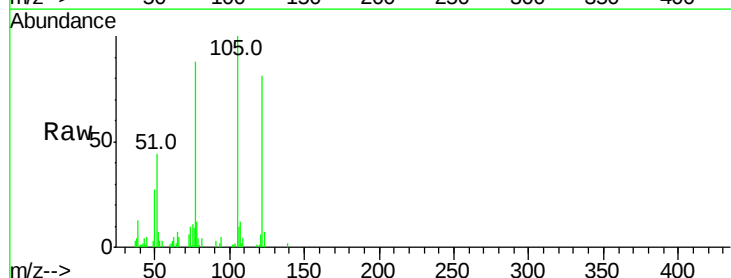
Instrument :
BNA_G
ClientSampleId :

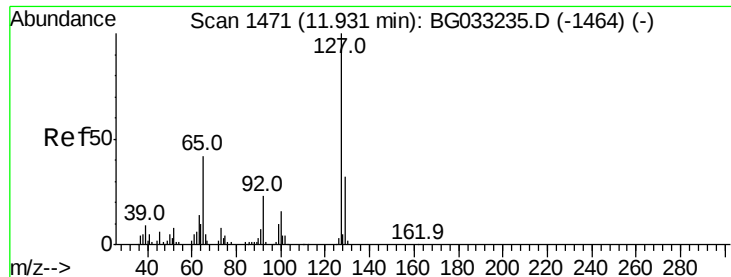
Tot Ion:128 Resp: 310133
Ion Ratio Lower Upper
128 100
129 12.8 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 18.378 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:122 Resp: 28553
Ion Ratio Lower Upper
122 100
105 123.5 123.5 163.5#
77 109.2 85.7 125.7

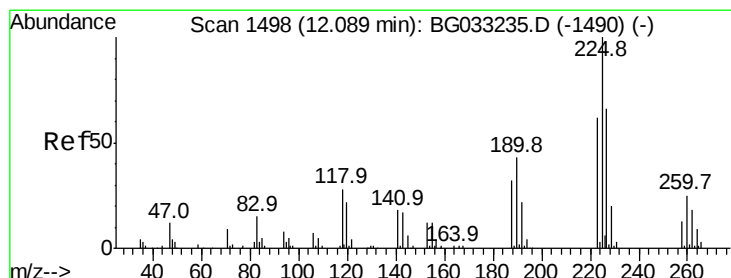
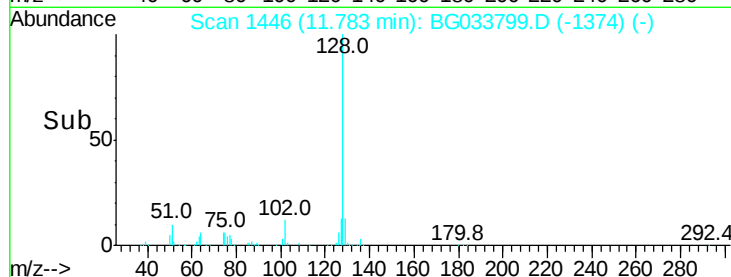
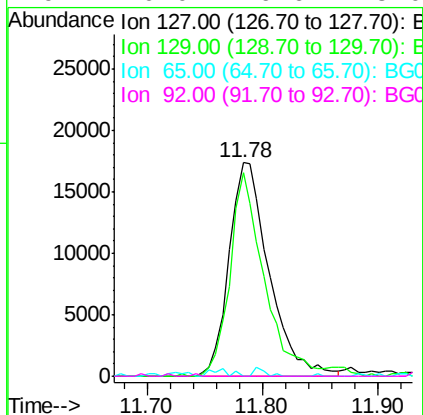
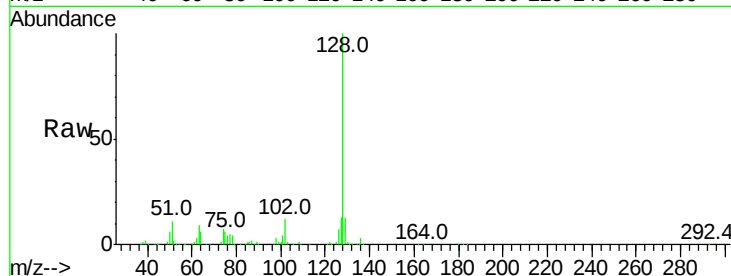




#33
4-Chloroaniline
Concen: 13.743 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.11 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

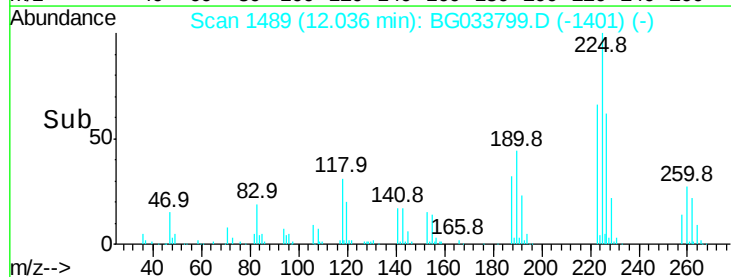
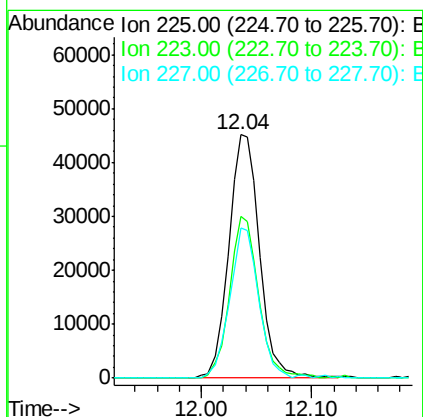
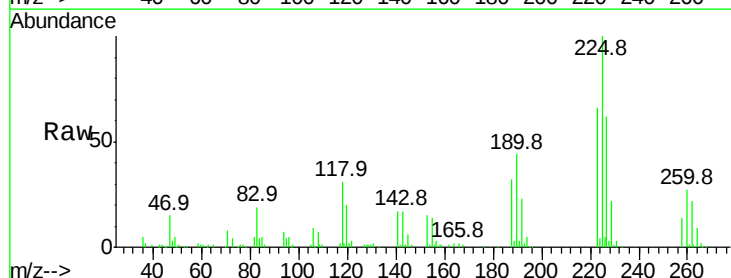
Instrument :
BNA_G
ClientSampleId :

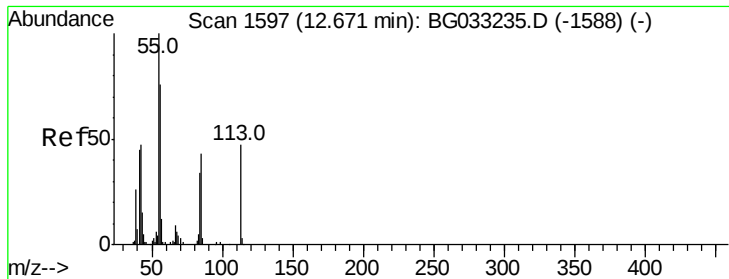
Tot Ion:	127	Resp:	41617
Ion	Ratio	Lower	Upper
127	100		
129	95.5	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 43.534 ng
RT: 12.04 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:	225	Resp:	87914
Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.7	74.5
227	61.8	48.1	72.1

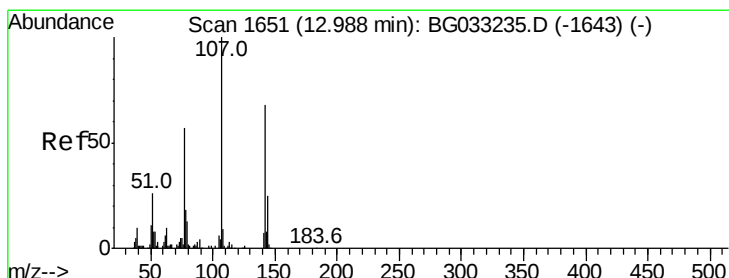
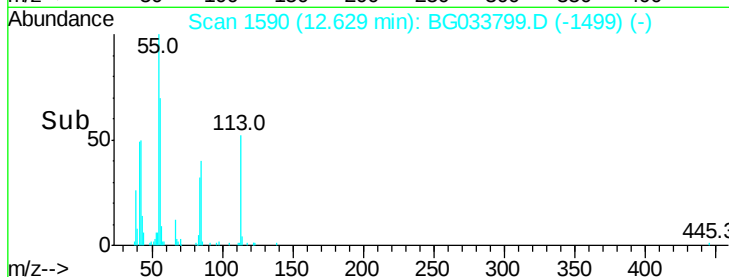
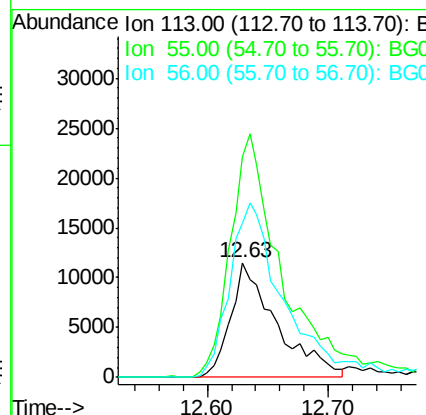
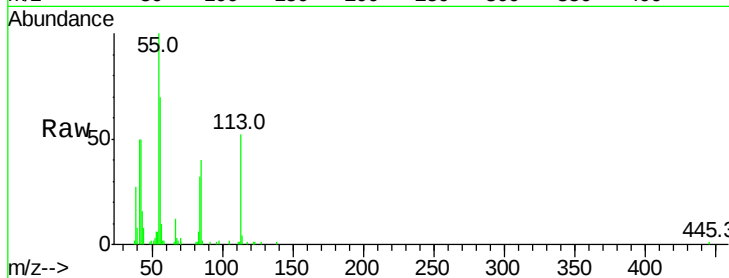




#35
Caprolactam
Concen: 37.730 ng
RT: 12.63 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

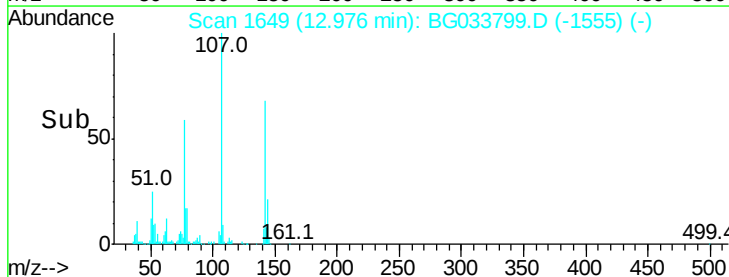
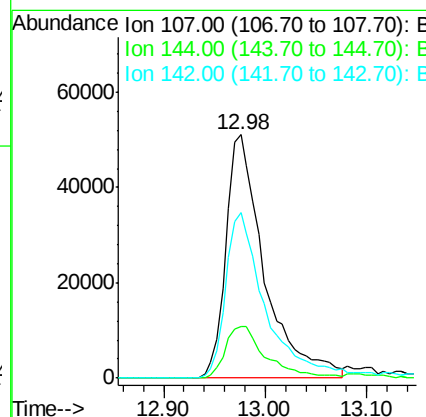
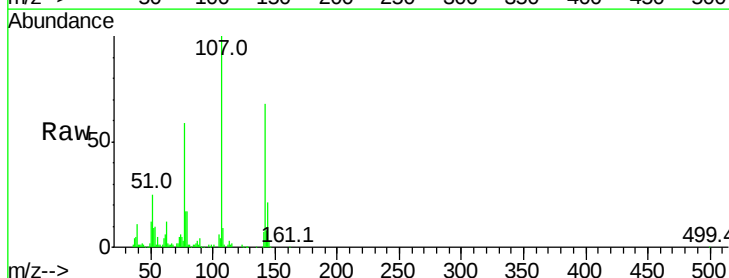
Instrument :
BNA_G
ClientSampleId :

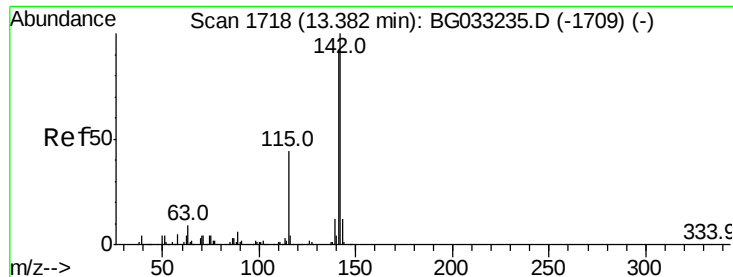
Tot Ion:113 Resp: 30381
Ion Ratio Lower Upper
113 100
55 192.0 186.9 226.9
56 133.9 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 50.204 ng
RT: 12.98 min Scan# 1649
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:107 Resp: 134584
Ion Ratio Lower Upper
107 100
144 21.4 18.2 27.4
142 67.9 59.0 88.4

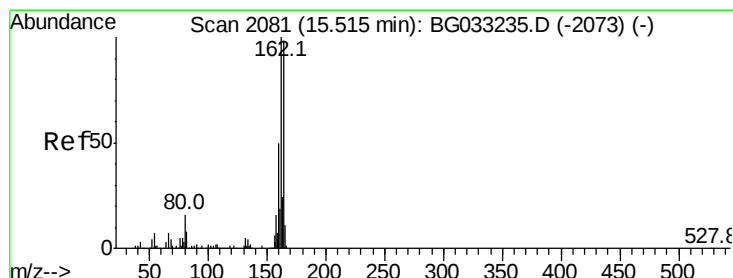
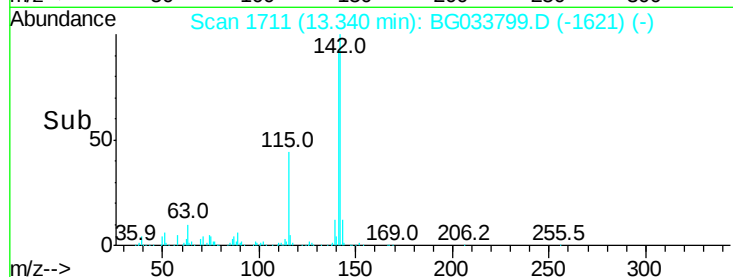
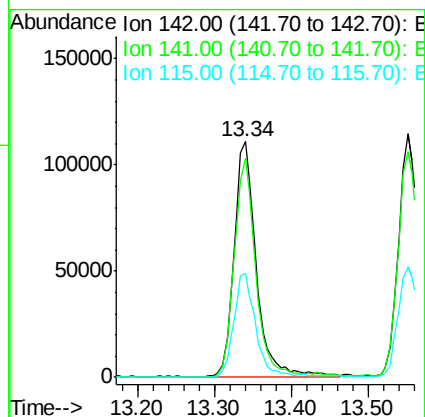
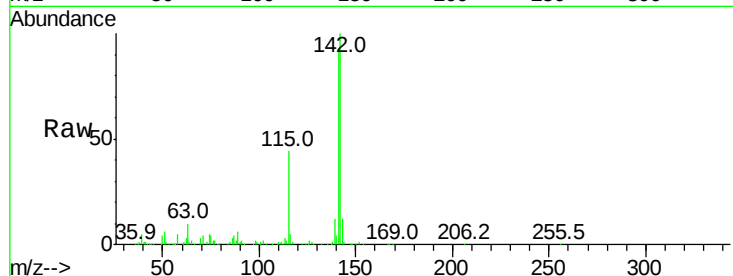




#37
 2-Methylnaphthalene
 Concen: 43.171 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

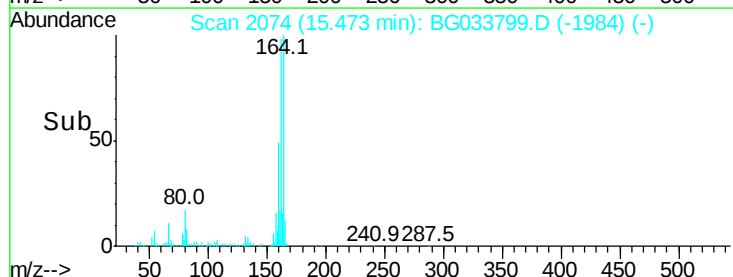
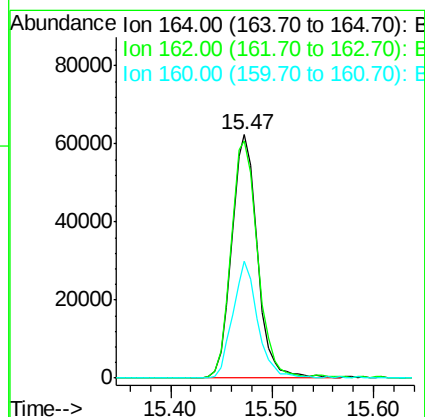
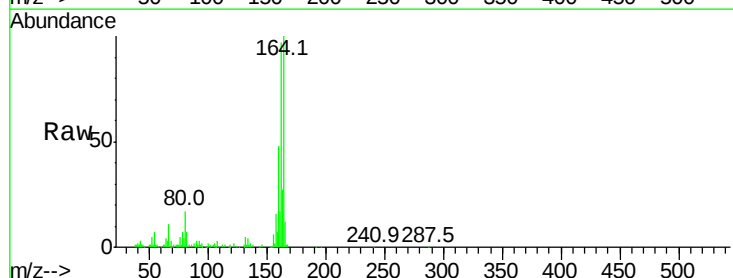
Instrument :
 BNA_G
 ClientSampleId :

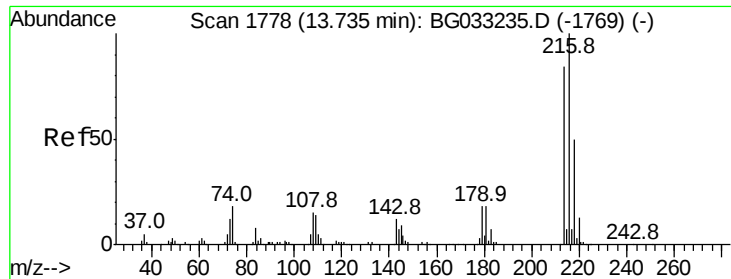
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	67.1	100.7
115	44.4	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	78.8	118.2
160	48.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.971 ng

RT: 13.69 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 154649

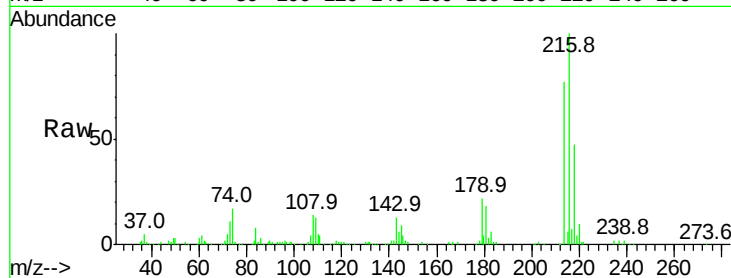
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 20.0 17.0 25.6

108 17.9 12.8 19.2

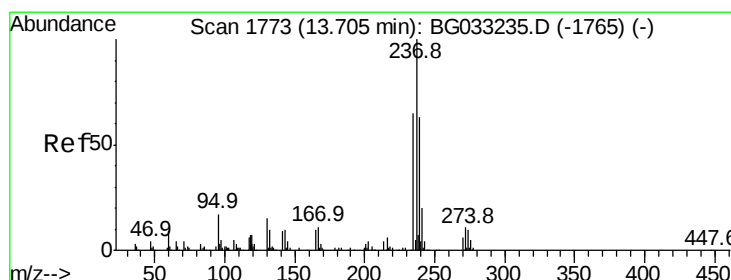
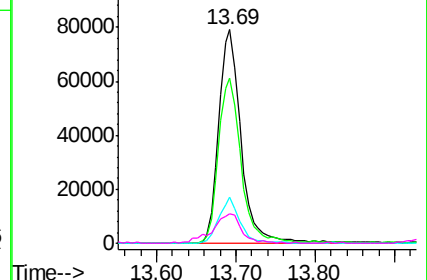
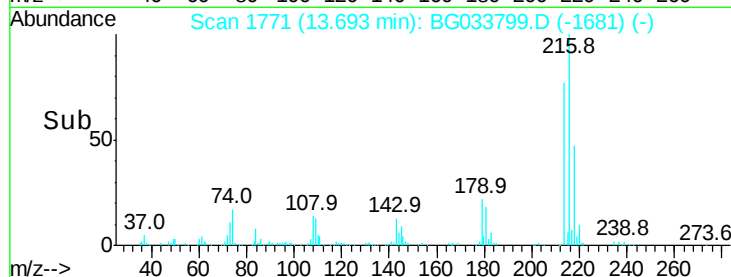


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.582 ng

RT: 13.66 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

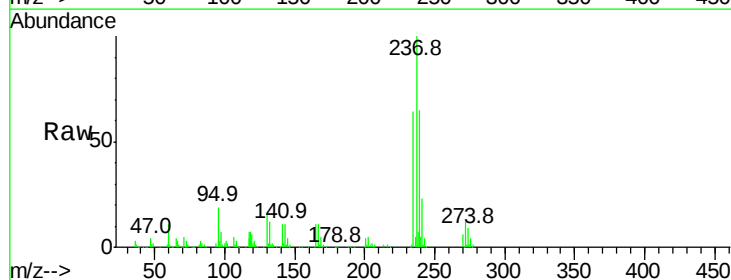
Tgt Ion:237 Resp: 154892

Ion Ratio Lower Upper

237 100

235 63.8 50.4 90.4

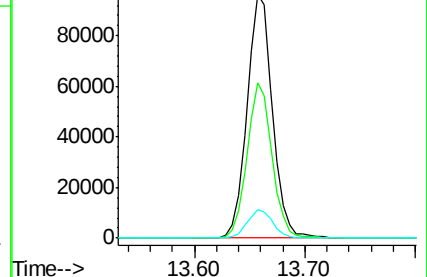
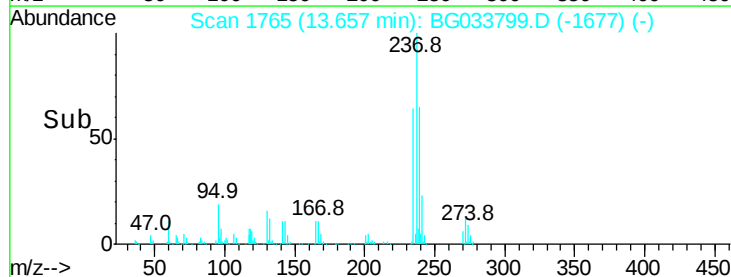
272 11.6 0.0 31.8

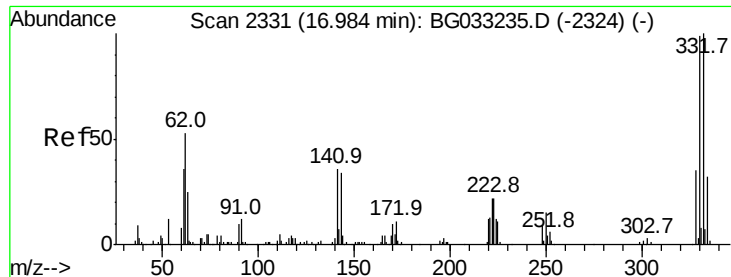


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

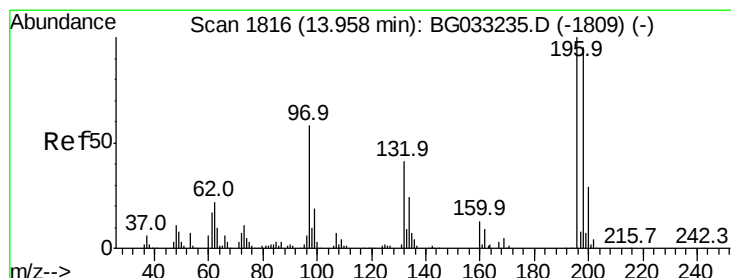
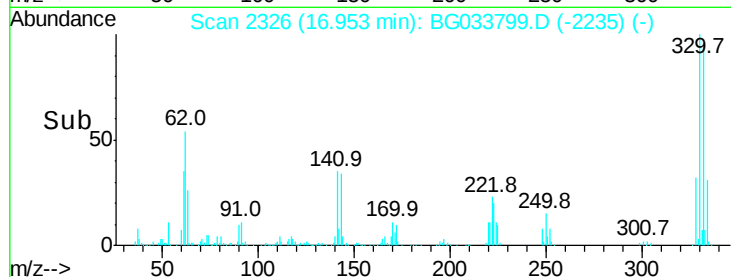
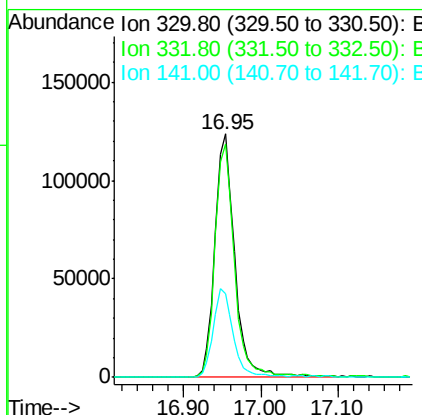
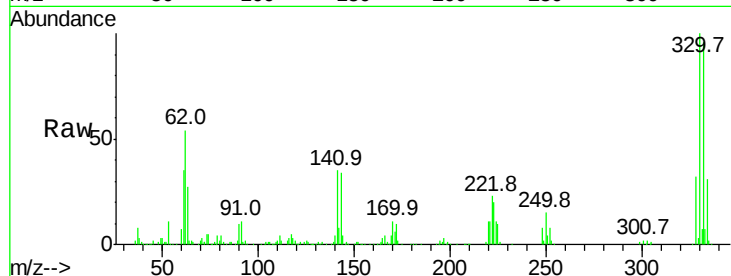




#41
 2,4,6-Tribromophenol
 Concen: 134.410 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

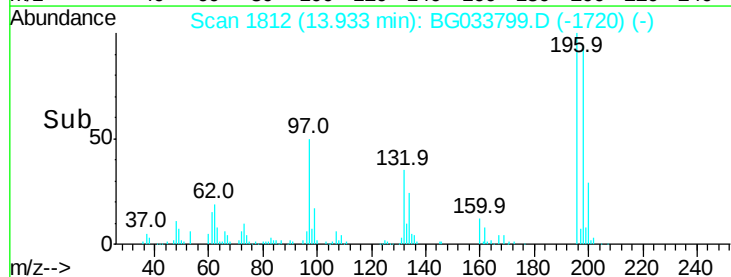
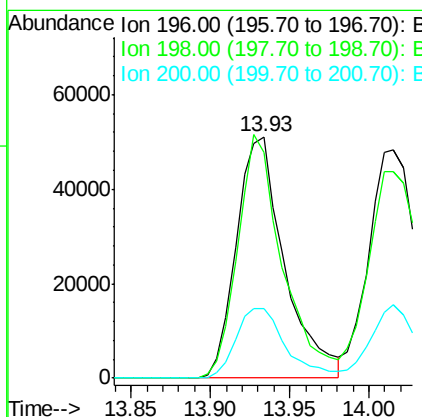
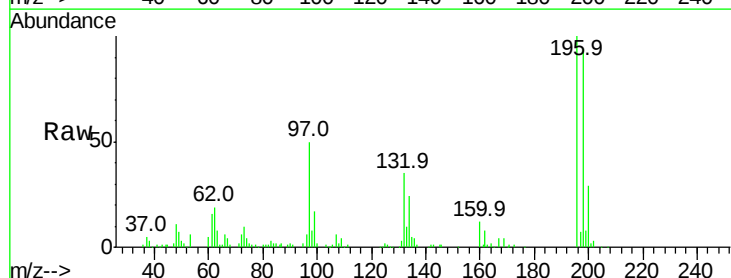
Instrument :
 BNA_G
 ClientSampleId :

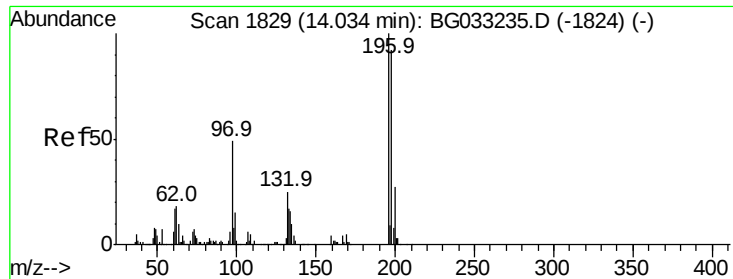
Tot Ion:330 Resp: 220231
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 36.4 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 46.651 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion:196 Resp: 107560
 Ion Ratio Lower Upper
 196 100
 198 93.7 78.2 117.2
 200 28.8 24.6 36.8

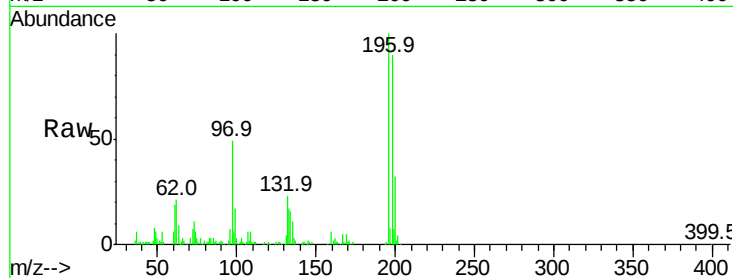




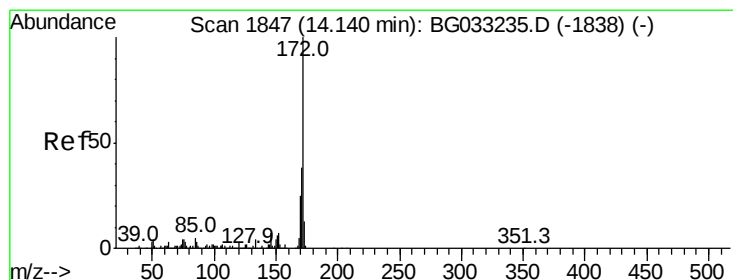
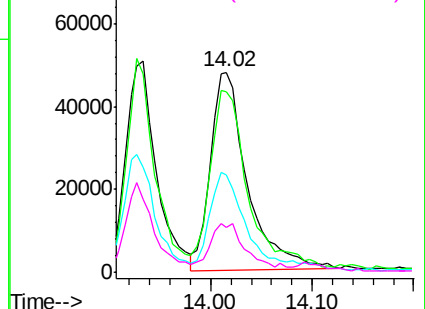
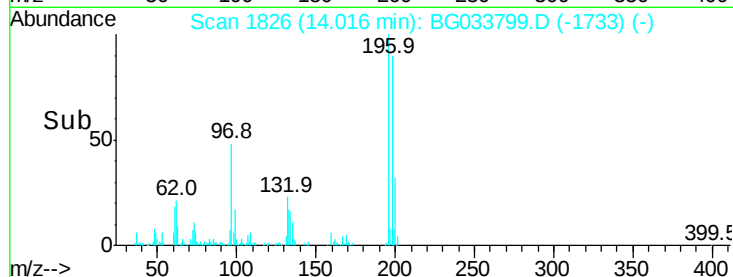
#43
 2,4,5-Trichlorophenol
 Concen: 44.372 ng
 RT: 14.02 min Scan# 1826
 Delta R.T. 0.02 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 120923
 Ion Ratio Lower Upper
 196 100
 198 90.3 76.2 114.4
 97 48.7 38.7 58.1
 132 22.6 20.2 30.2

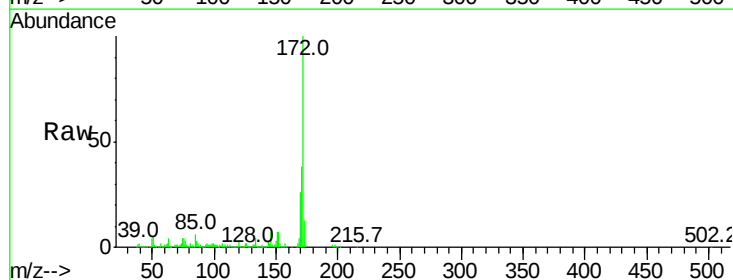


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

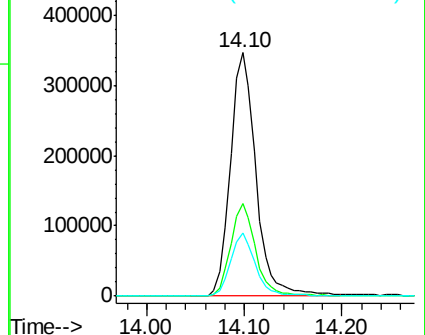
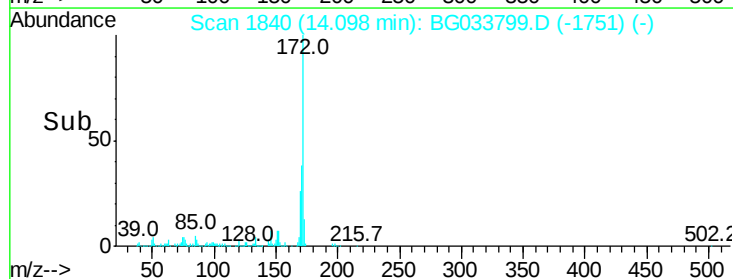


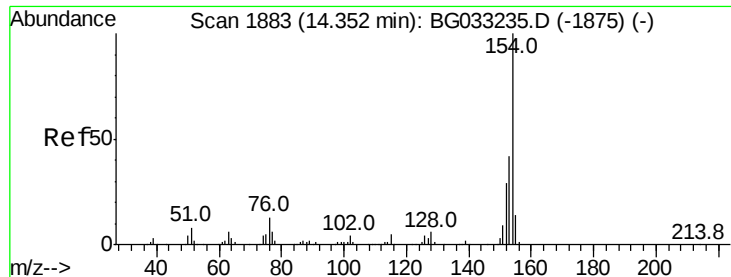
#44
 2-Fluorobiphenyl
 Concen: 83.241 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion:172 Resp: 631695
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 25.7 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.856 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampled :

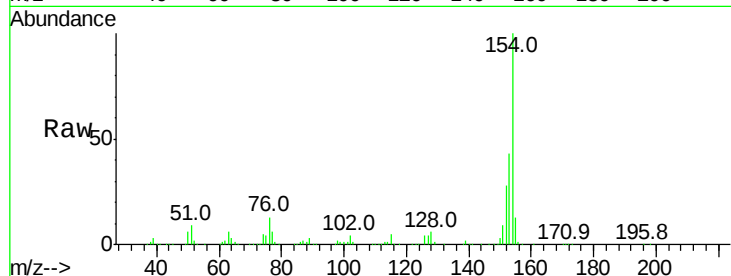
Tot Ion:154 Resp: 352296

Ion Ratio Lower Upper

154 100

153 43.1 19.8 59.8

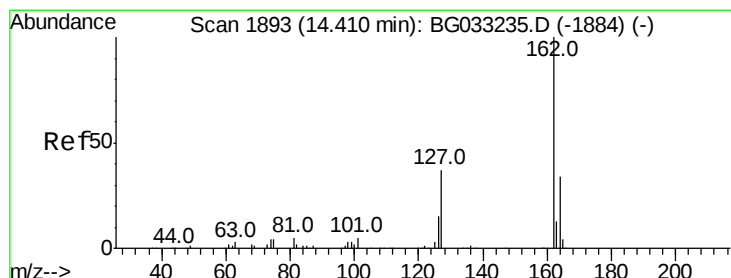
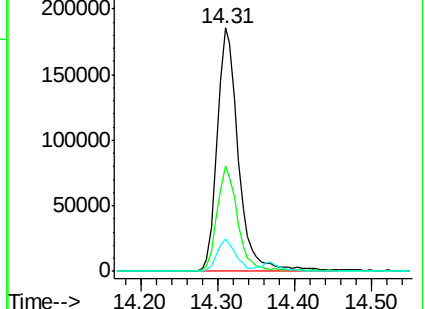
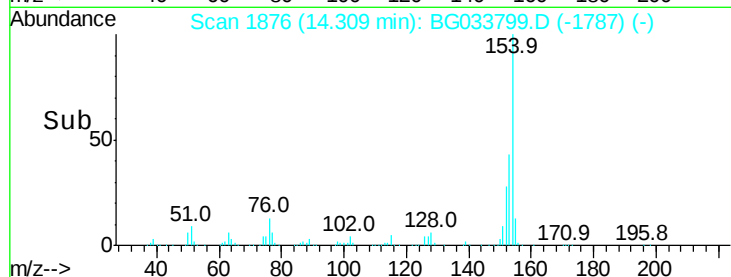
76 13.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 42.371 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

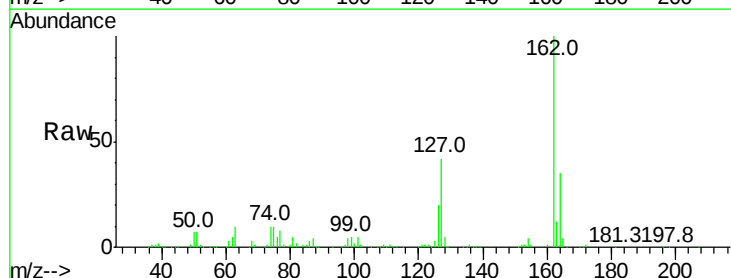
Tgt Ion:162 Resp: 274980

Ion Ratio Lower Upper

162 100

127 41.8 30.7 46.1

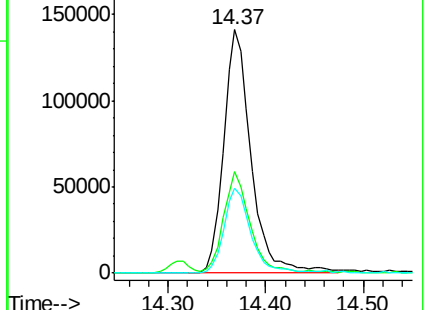
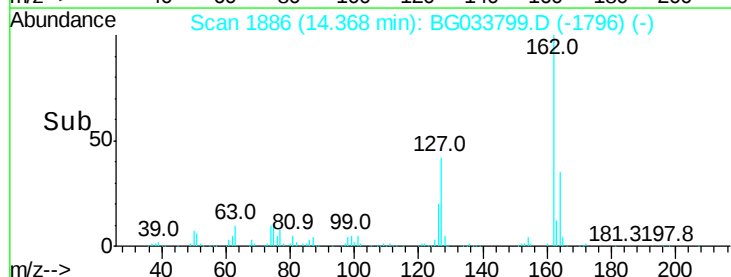
164 34.7 26.0 39.0

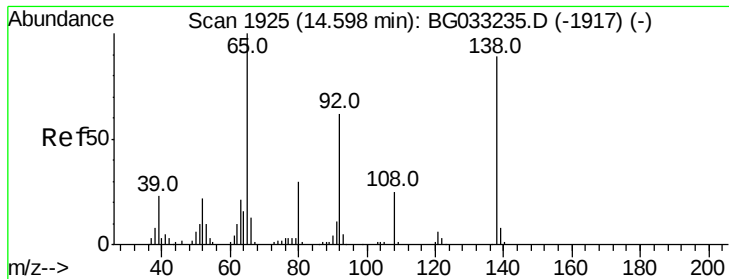


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

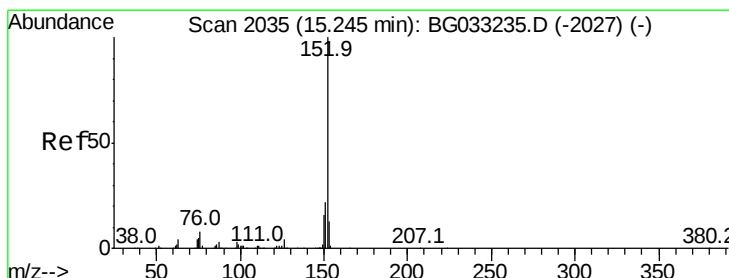
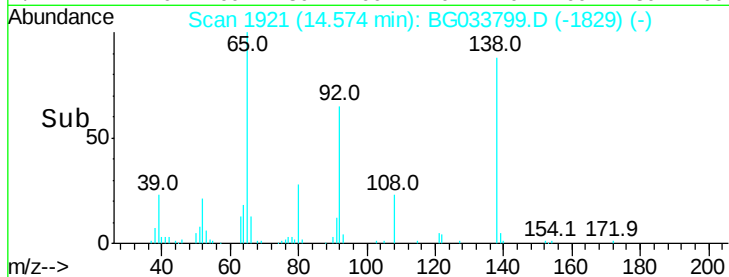
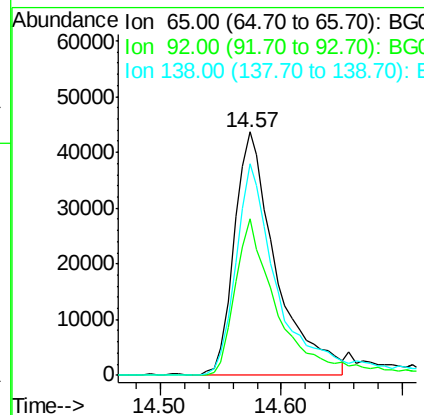
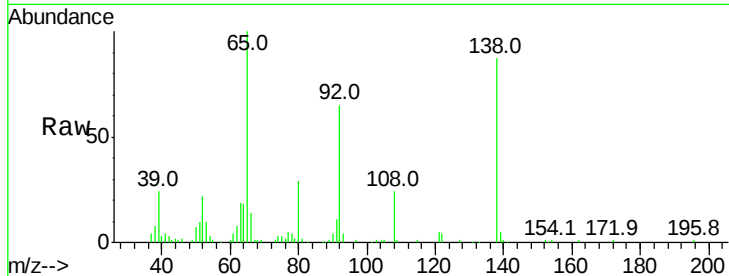




#47
2-Nitroaniline
Concen: 43.154 ng
RT: 14.57 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

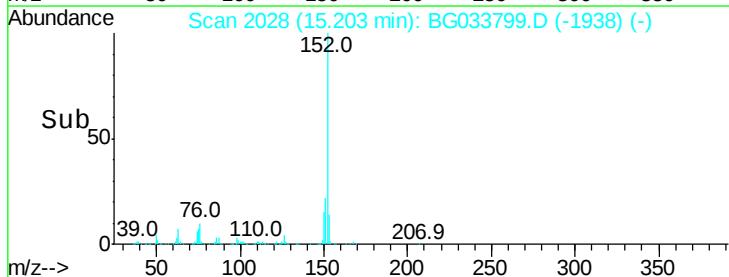
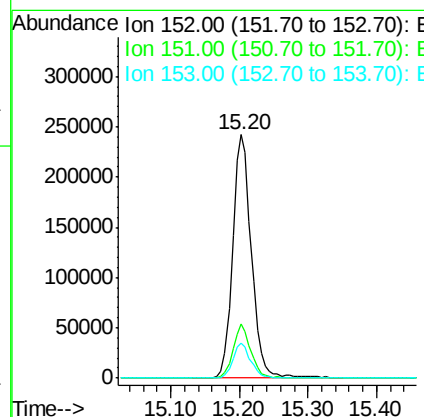
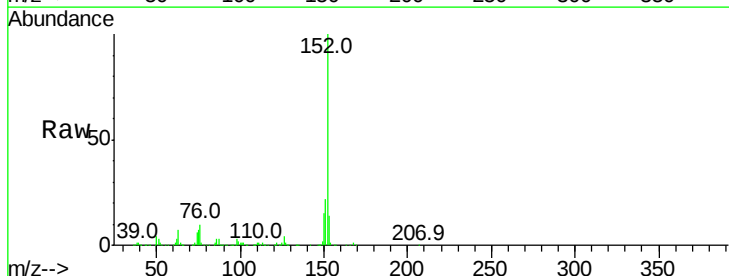
Instrument :
BNA_G
ClientSampleId :

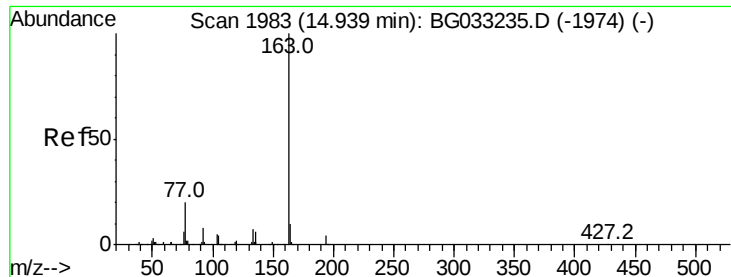
Tot Ion: 65 Resp: 104898
Ion Ratio Lower Upper
65 100
92 64.5 54.6 82.0
138 87.0 72.9 109.3



#48
Acenaphthylene
Concen: 42.446 ng
RT: 15.20 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion: 152 Resp: 459806
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 14.2 10.2 15.4





#49

Dimethylphthalate

Concen: 44.760 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

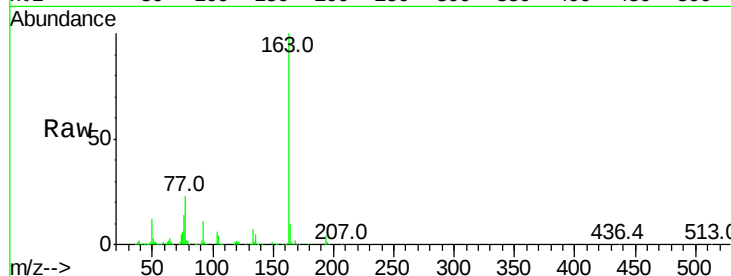
Tot Ion:163 Resp: 426751

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

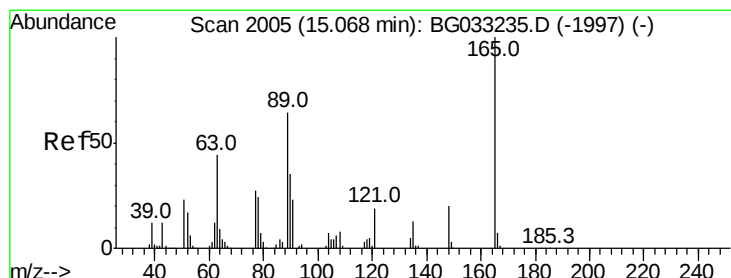
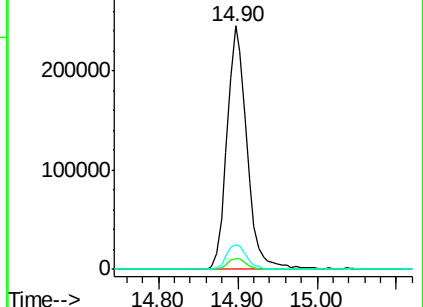
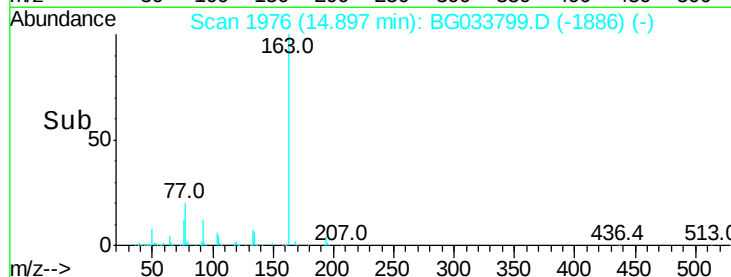
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.503 ng

RT: 15.04 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

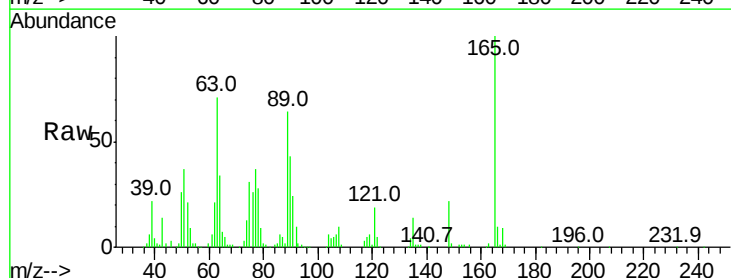
Tgt Ion:165 Resp: 90656

Ion Ratio Lower Upper

165 100

63 71.2 52.7 79.1

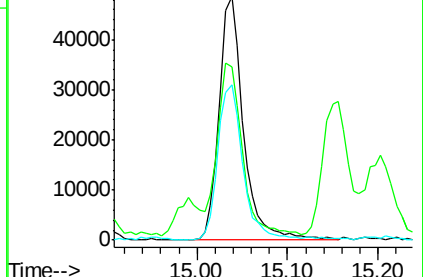
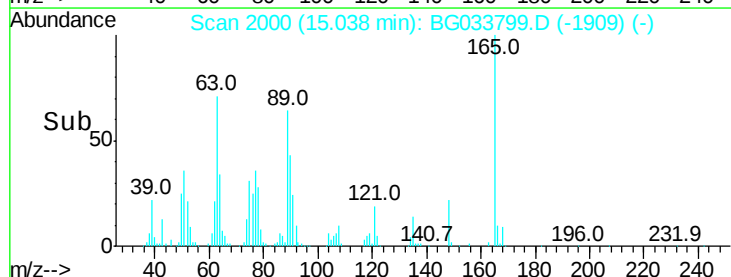
89 63.9 49.2 73.8

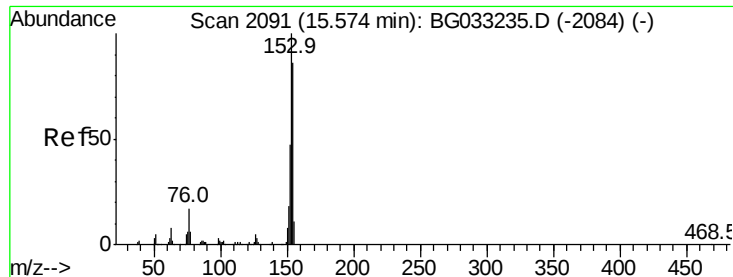


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.514 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

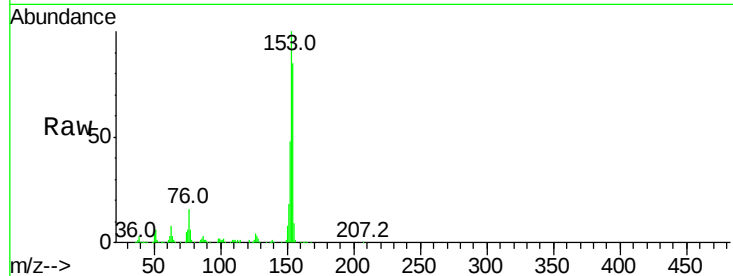
Tot Ion:154 Resp: 275930

Ion Ratio Lower Upper

154 100

153 117.2 90.4 135.6

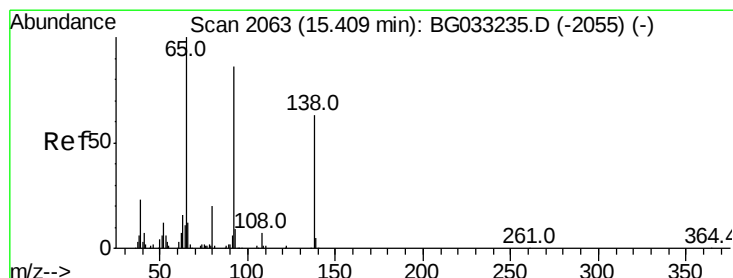
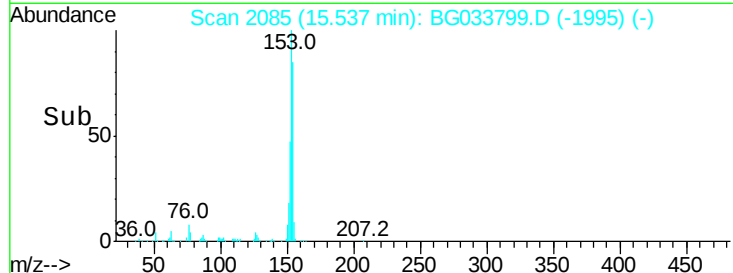
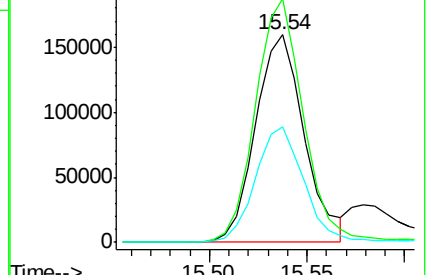
152 55.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.851 ng

RT: 15.41 min Scan# 2063

Delta R.T. 0.03 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

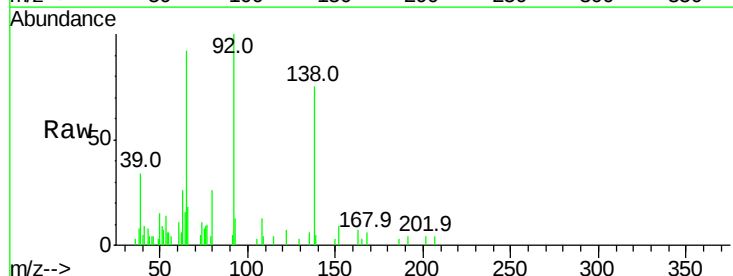
Tgt Ion:138 Resp: 11958

Ion Ratio Lower Upper

138 100

108 16.7 17.5 26.3#

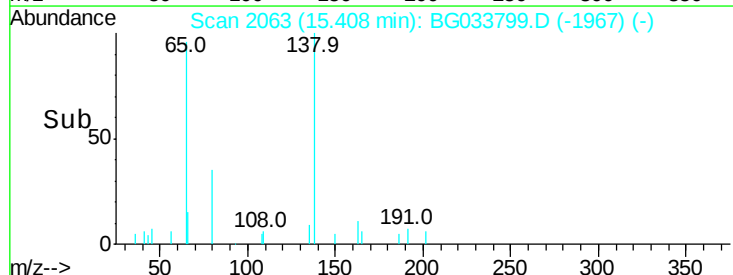
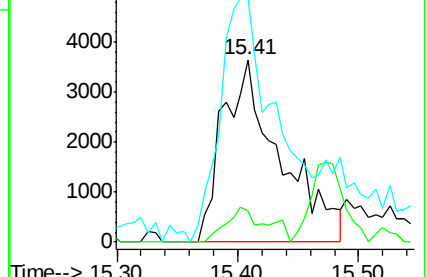
92 133.2 105.8 158.8

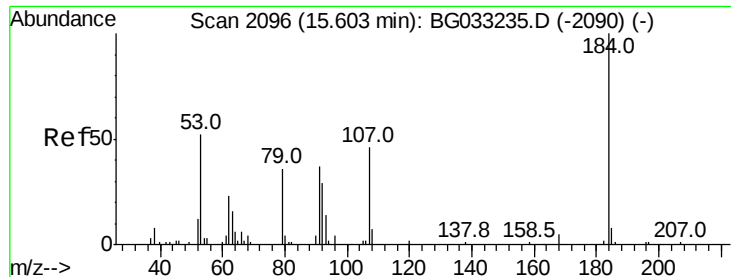


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

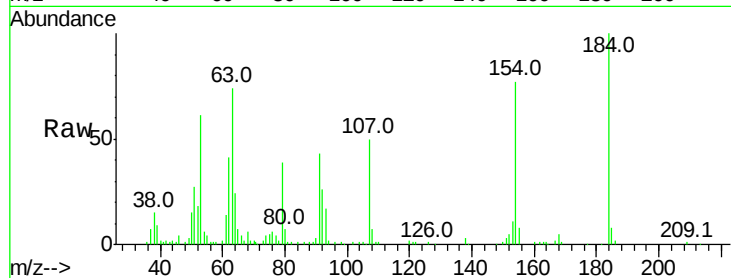




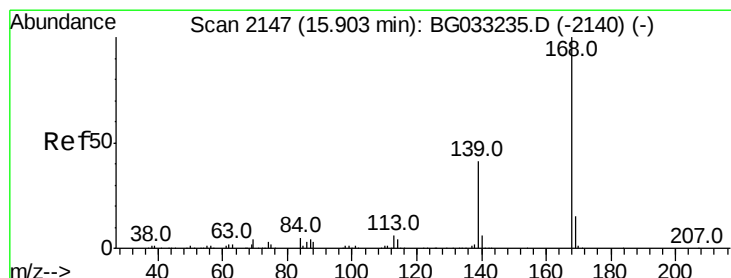
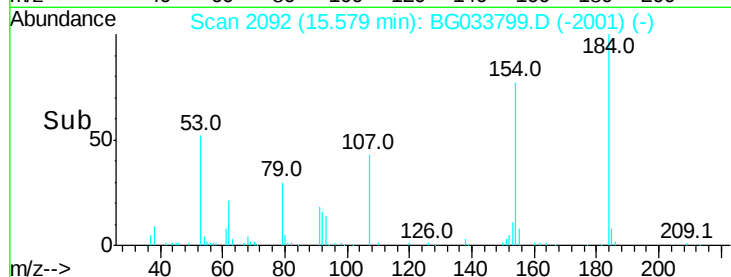
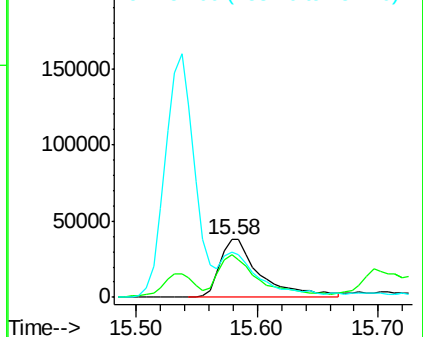
#53
2,4-Dinitrophenol
Concen: 86.238 ng
RT: 15.58 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 87727
Ion Ratio Lower Upper
184 100
63 74.2 59.8 89.8
154 77.5 101.8 152.8#

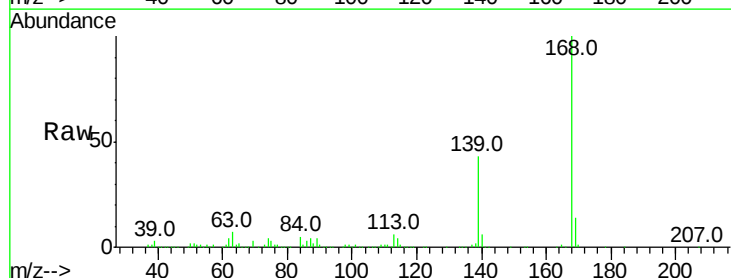


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

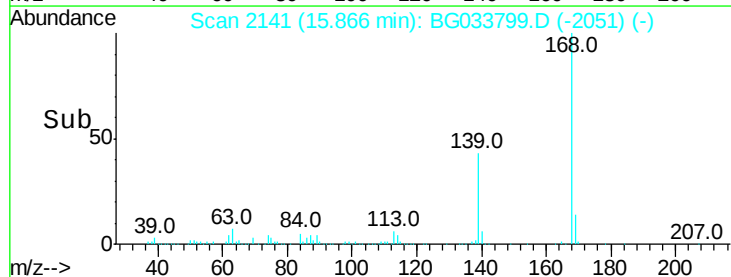
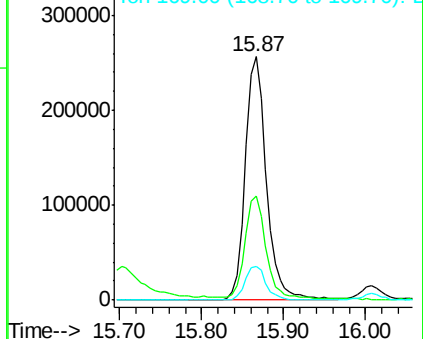


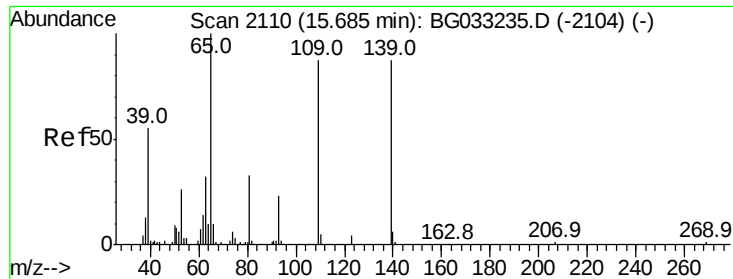
#54
Dibenzofuran
Concen: 44.898 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:168 Resp: 463119
Ion Ratio Lower Upper
168 100
139 42.8 28.6 43.0
169 13.8 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 74.543 ng

RT: 15.70 min Scan# 2113

Delta R.T. 0.04 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampled :

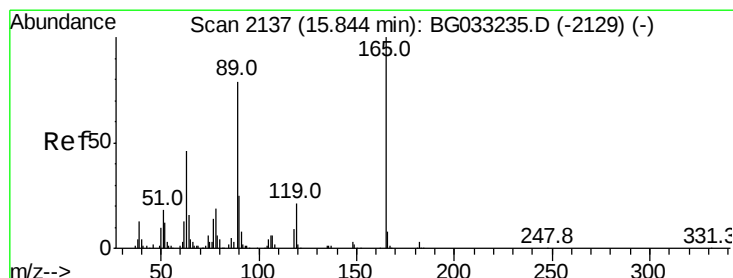
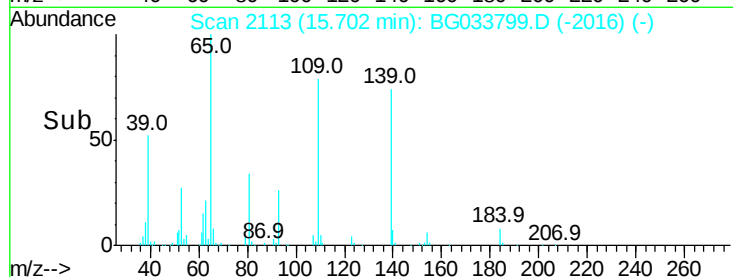
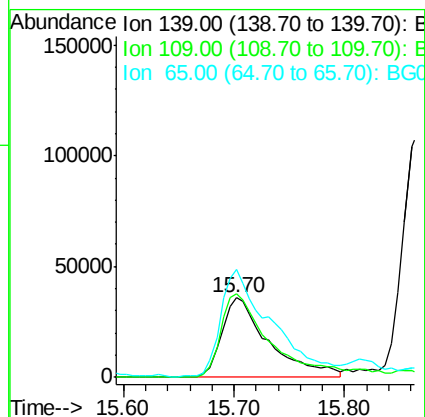
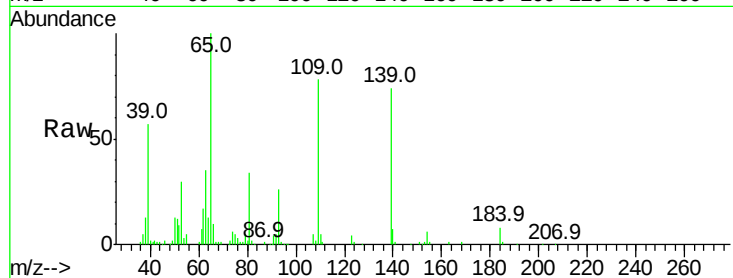
Tot Ion:139 Resp: 107130

Ion Ratio Lower Upper

139 100

109 105.6 62.2 102.2#

65 135.1 97.2 137.2



#56

2,4-Dinitrotoluene

Concen: 46.818 ng

RT: 15.82 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:165 Resp: 134387

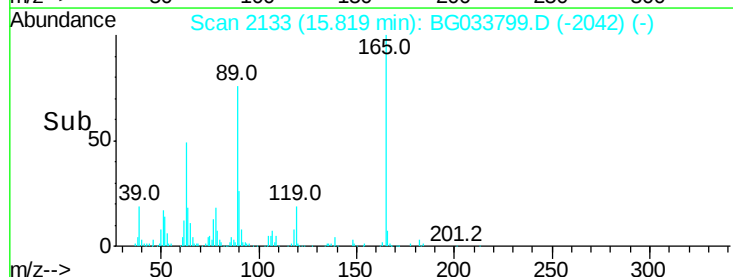
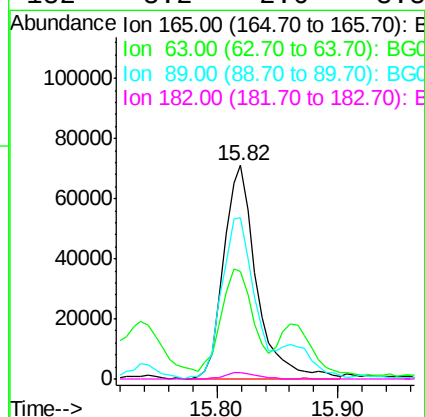
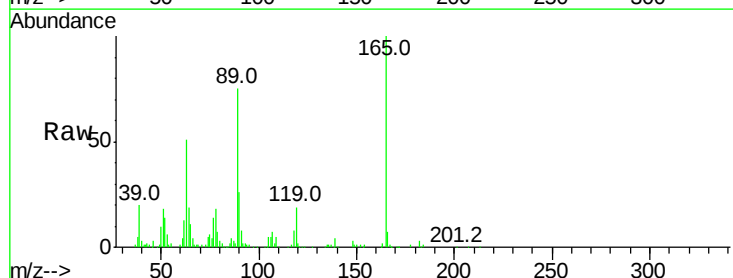
Ion Ratio Lower Upper

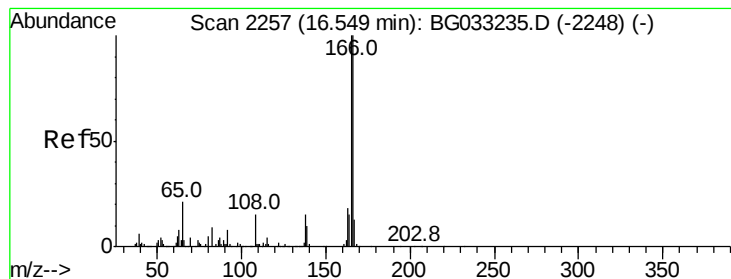
165 100

63 50.5 42.0 63.0

89 75.3 66.9 100.3

182 3.2 2.6 3.8





#57

Fluorene

Concen: 43.127 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampled :

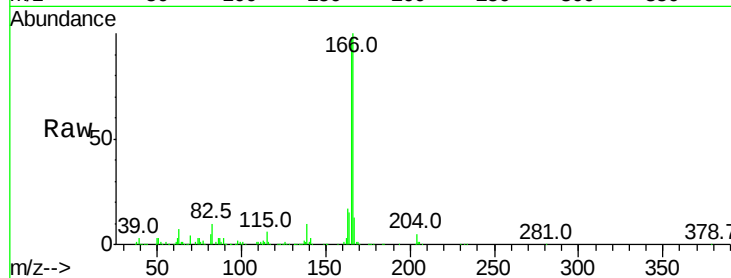
Tot Ion:166 Resp: 378983

Ion Ratio Lower Upper

166 100

165 97.5 80.6 121.0

167 13.1 10.4 15.6

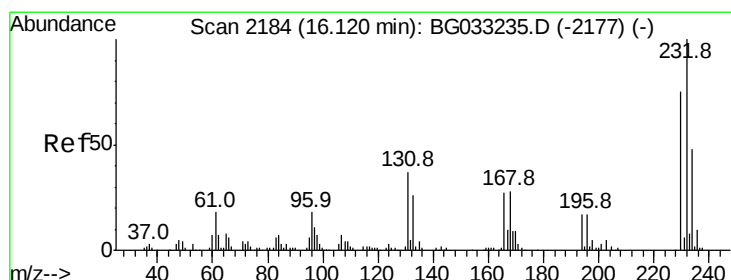
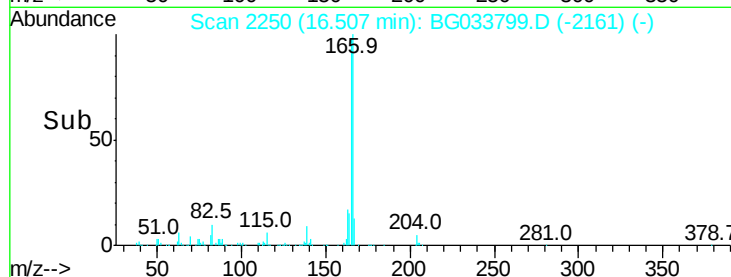
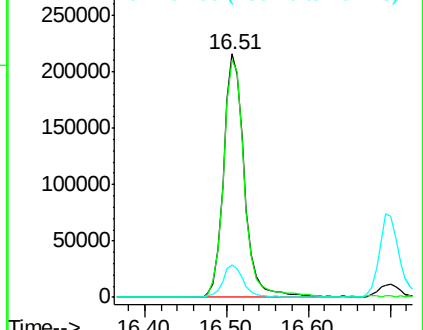


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.256 ng

RT: 16.09 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:232 Resp: 121239

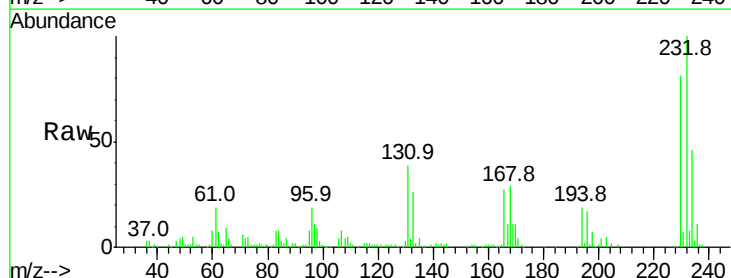
Ion Ratio Lower Upper

232 100

131 41.7 33.5 50.3

130 2.5 2.2 3.2

166 28.3 24.8 37.2



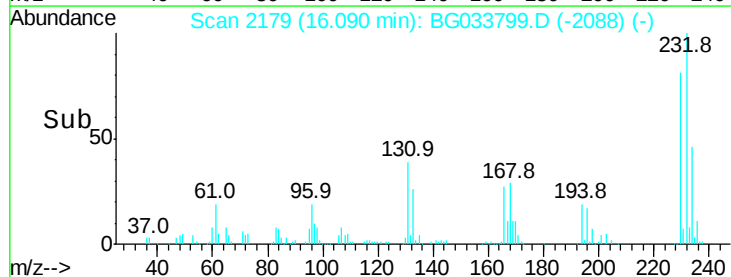
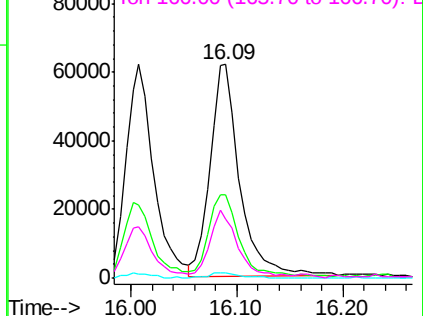
Abundance

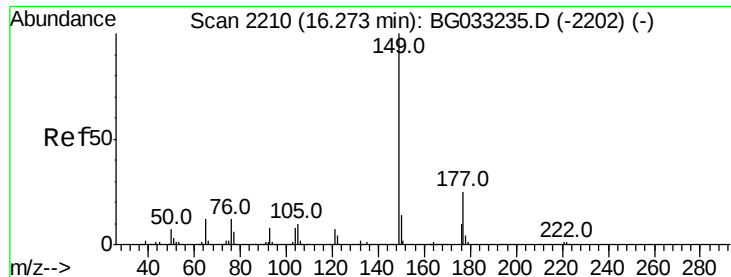
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

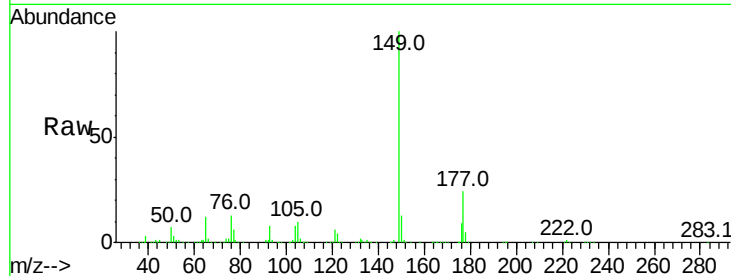




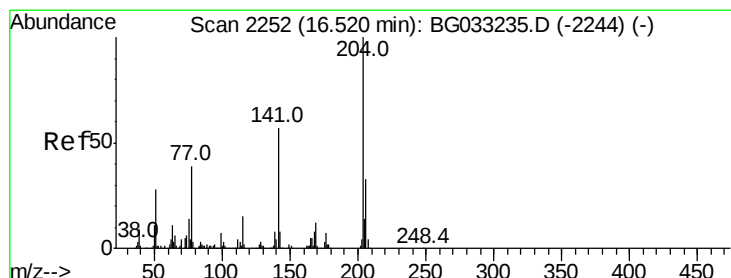
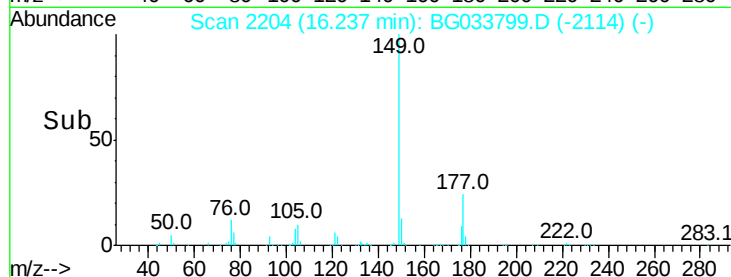
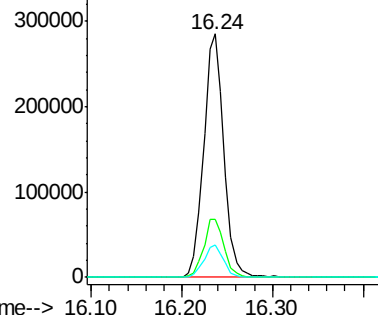
#59
Diethylphthalate
Concen: 47.746 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 442024
Ion Ratio Lower Upper
149 100
177 23.6 18.5 27.7
150 13.4 10.2 15.2

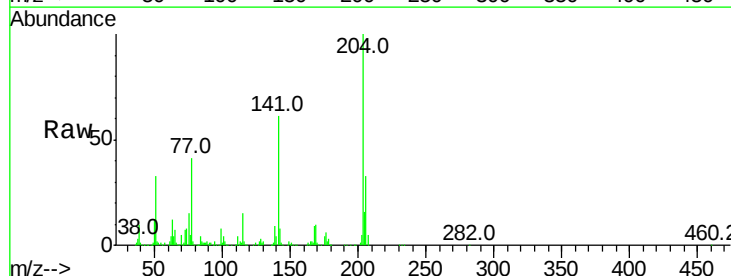


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

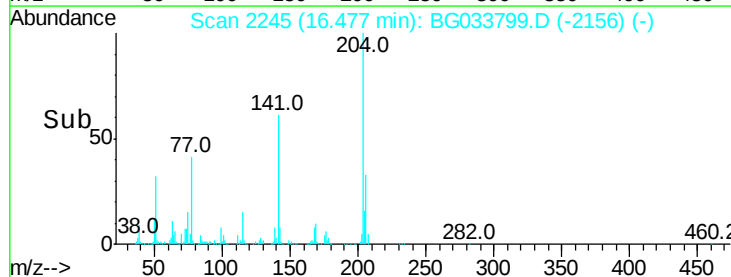
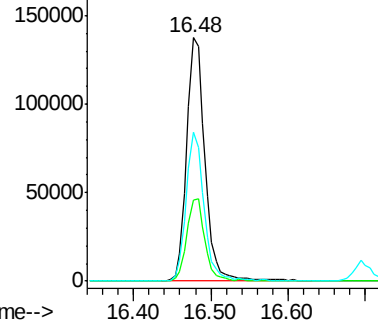


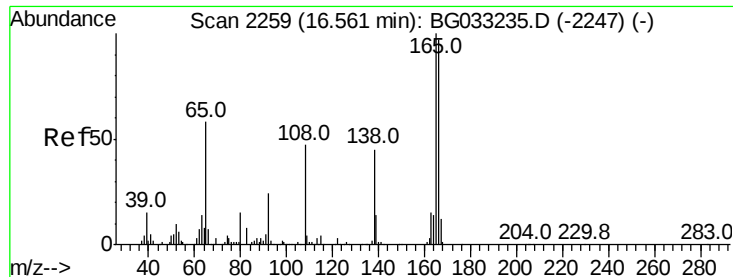
#60
4-Chlorophenyl-phenylether
Concen: 44.550 ng
RT: 16.48 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:204 Resp: 225044
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 61.1 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 23.028 ng

RT: 16.55 min Scan# 2258

Delta R.T. 0.03 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampled :

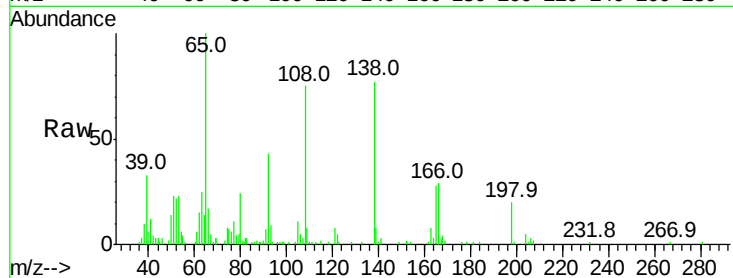
Tot Ion:138 Resp: 47661

Ion Ratio Lower Upper

138 100

92 56.0 40.1 80.1

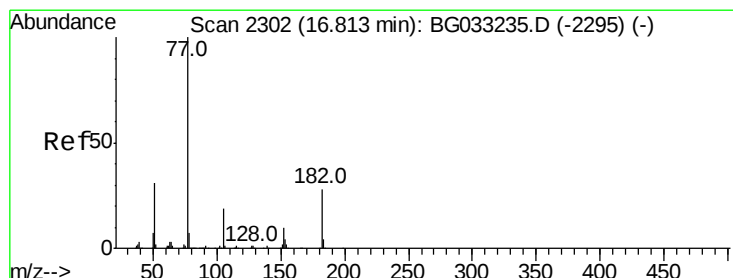
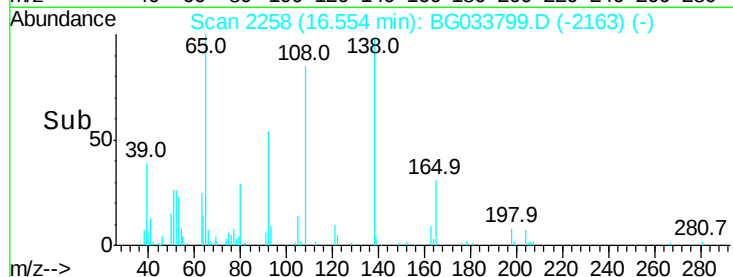
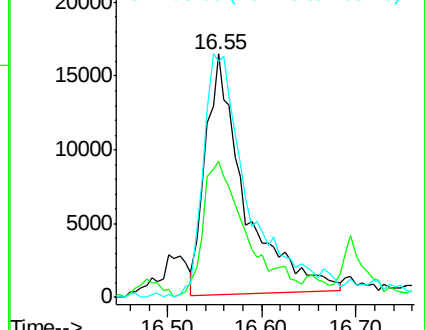
108 97.2 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.941 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion: 77 Resp: 420969

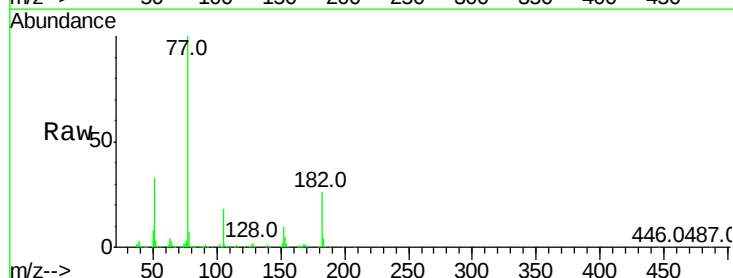
Ion Ratio Lower Upper

77 100

182 26.0 7.4 47.4

105 17.5 0.3 40.3

51 32.9 11.6 51.6

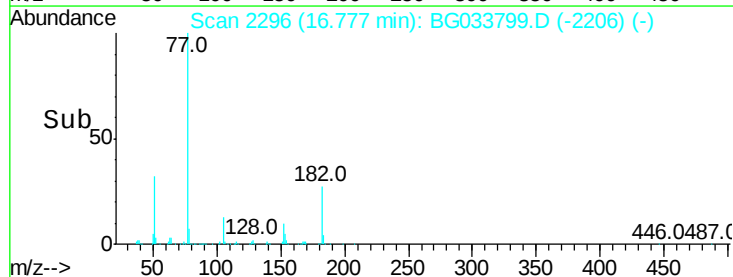
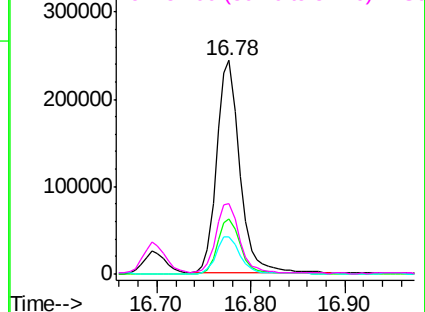


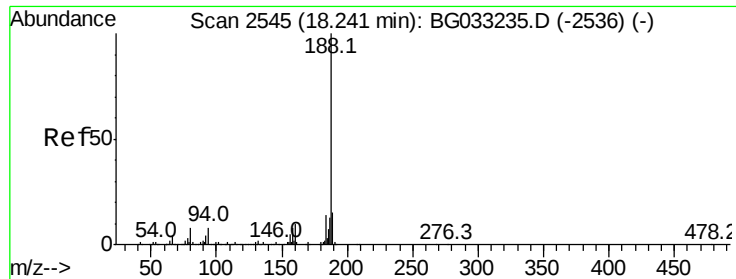
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

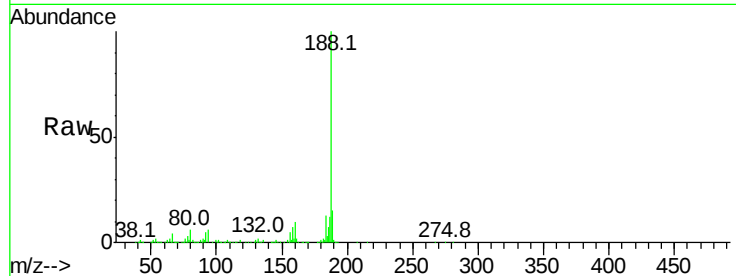
Tot Ion:188 Resp: 307219

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

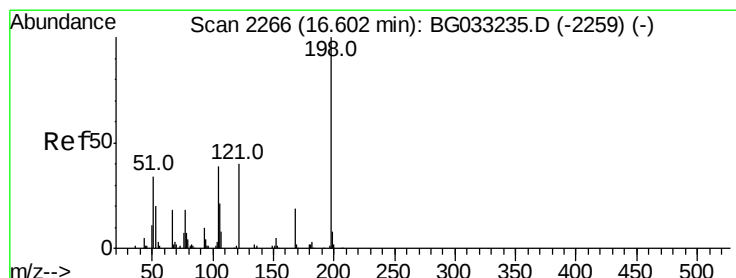
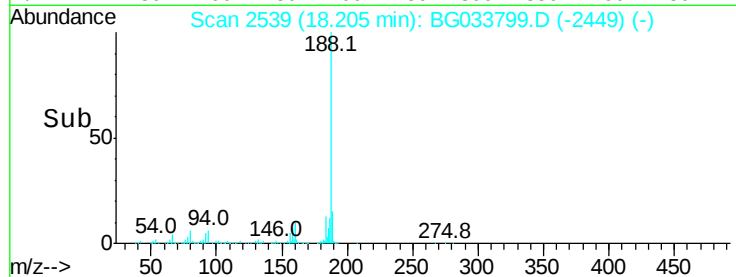
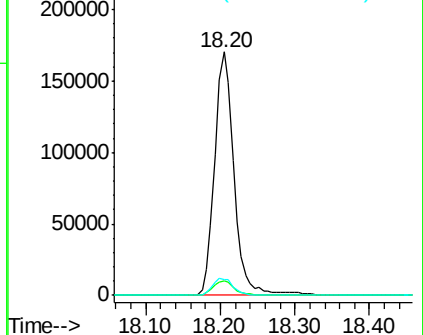
80 6.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 45.023 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

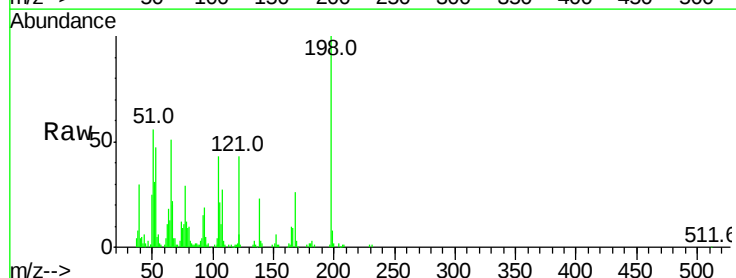
Tgt Ion:198 Resp: 82747

Ion Ratio Lower Upper

198 100

51 55.9 30.6 70.6

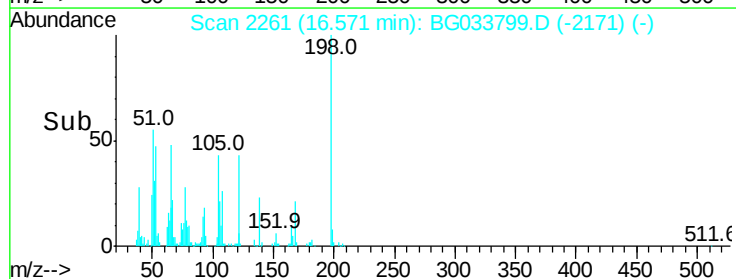
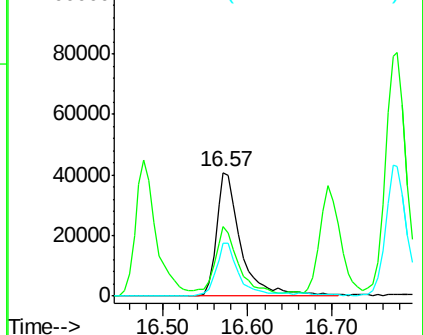
105 42.8 23.8 63.8

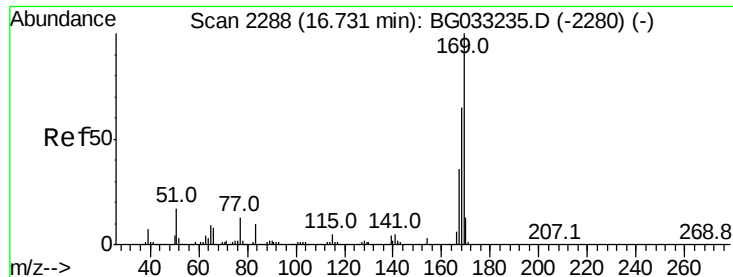


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.390 ng

RT: 16.69 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

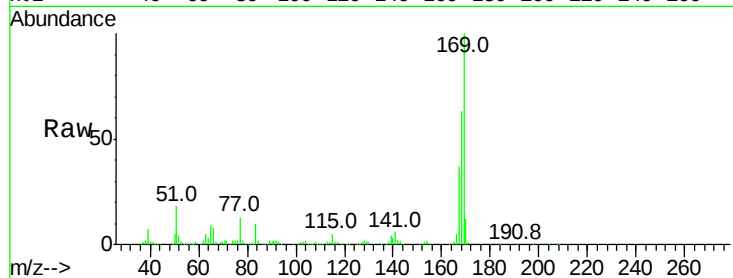
Tot Ion:169 Resp: 363018

Ion Ratio Lower Upper

169 100

168 62.8 55.7 83.5

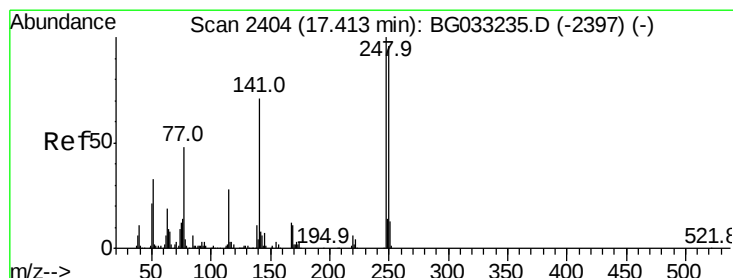
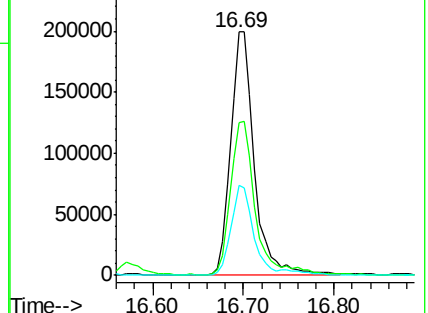
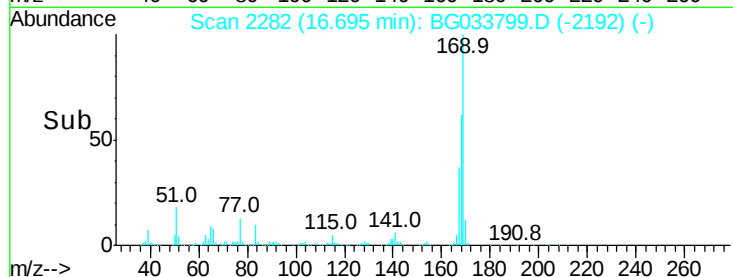
167 37.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.585 ng

RT: 17.37 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

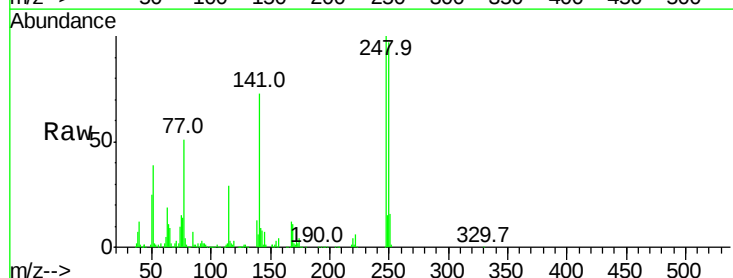
Tgt Ion:248 Resp: 153647

Ion Ratio Lower Upper

248 100

250 97.5 77.1 115.7

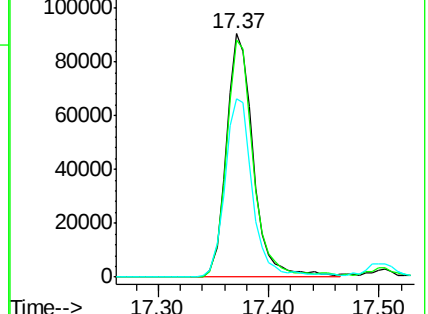
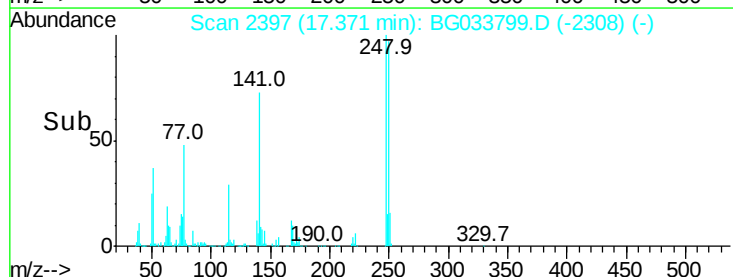
141 73.2 50.8 76.2

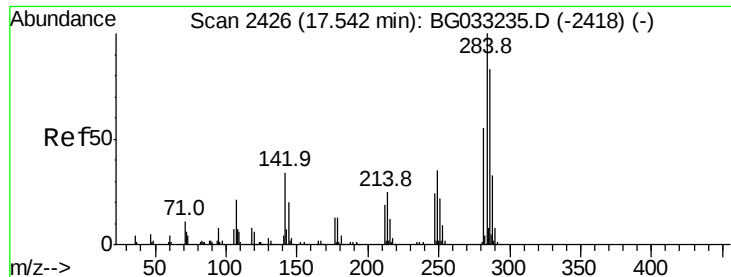


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.924 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

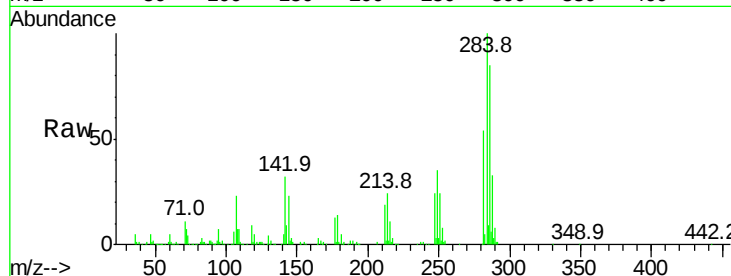
Tot Ion:284 Resp: 155828

Ion Ratio Lower Upper

284 100

142 32.5 26.8 40.2

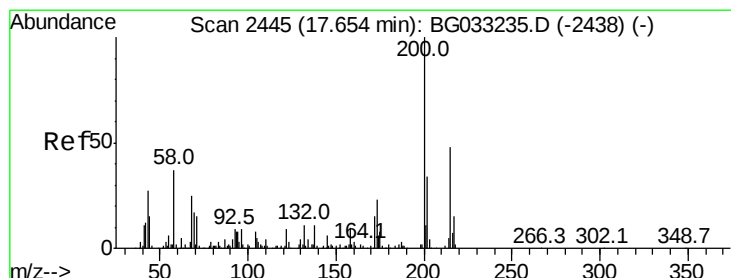
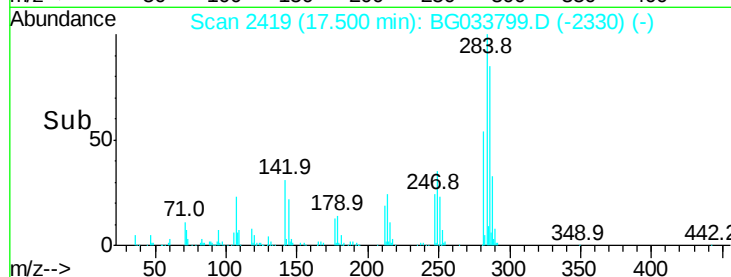
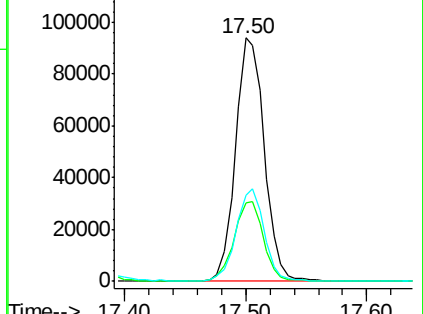
249 35.4 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.101 ng

RT: 17.62 min Scan# 2439

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

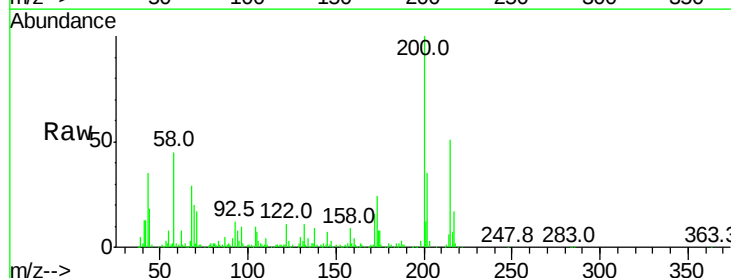
Tgt Ion:200 Resp: 110536

Ion Ratio Lower Upper

200 100

173 24.5 5.2 45.2

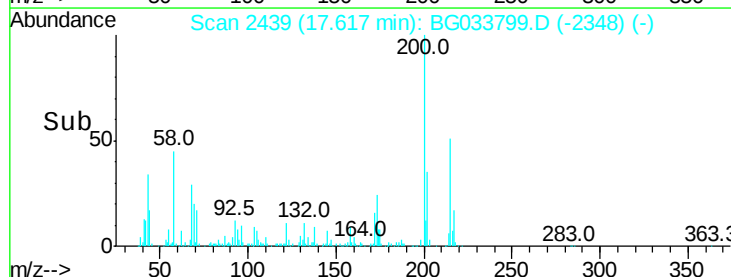
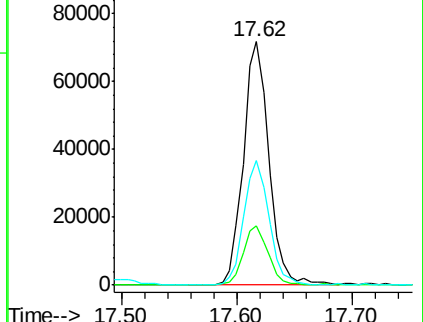
215 51.1 30.4 70.4

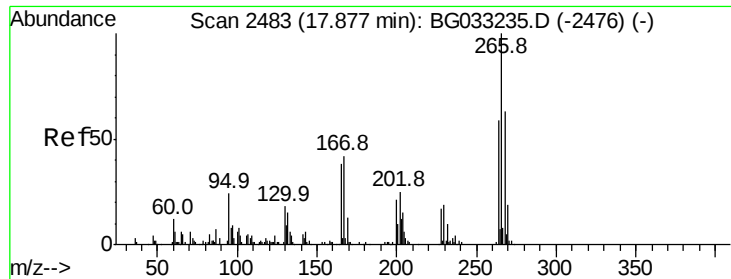


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

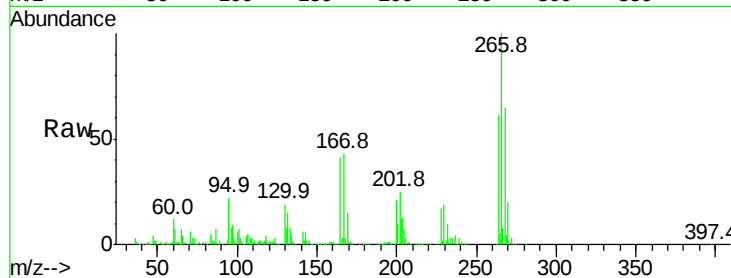




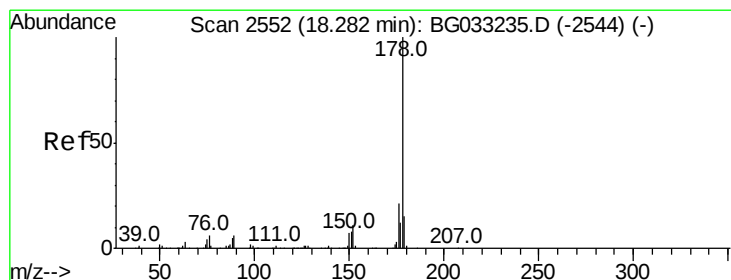
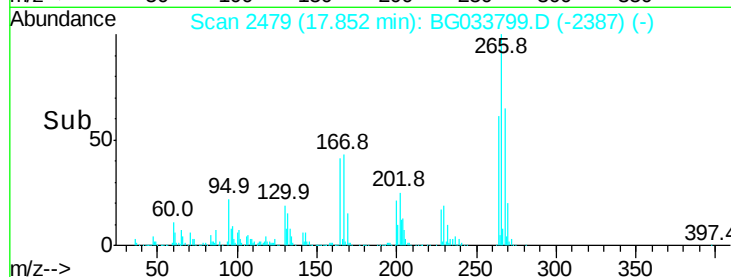
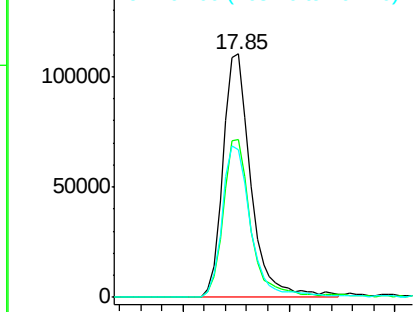
#69
 Pentachlorophenol
 Concen: 77.732 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	60.7	49.6	74.4

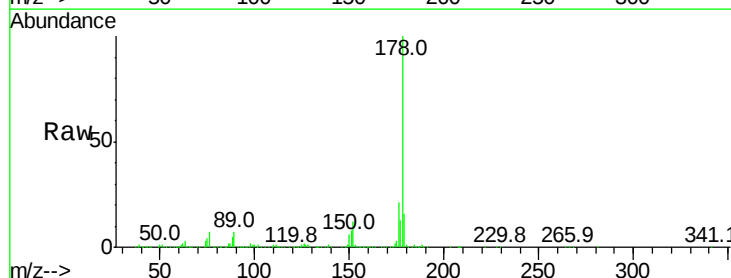


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

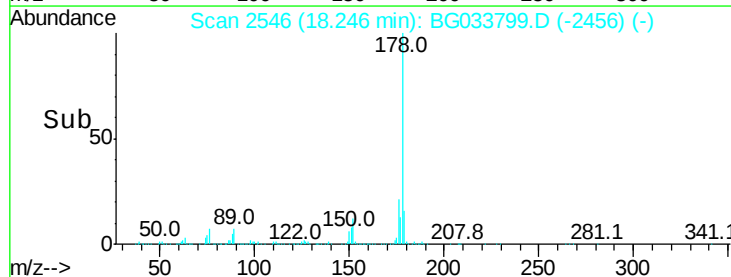
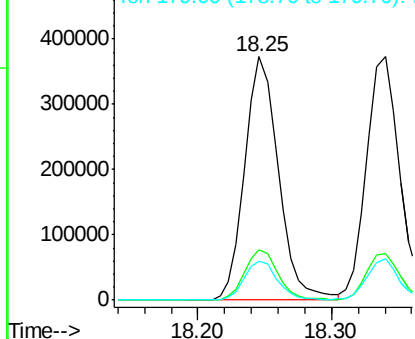


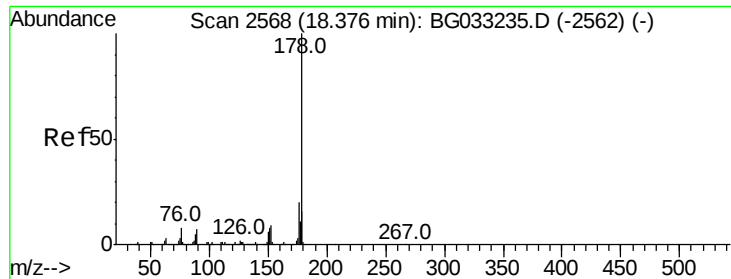
#70
 Phenanthrene
 Concen: 40.805 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.0	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

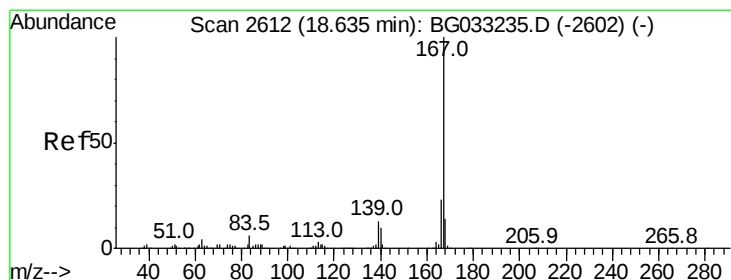
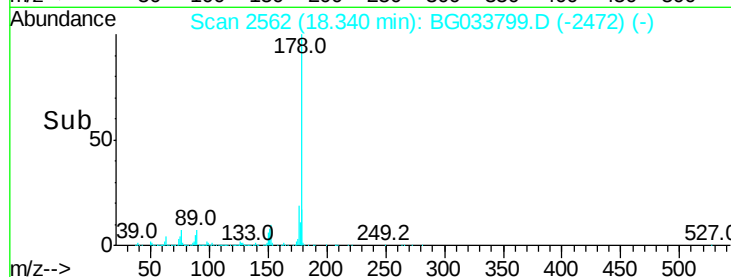
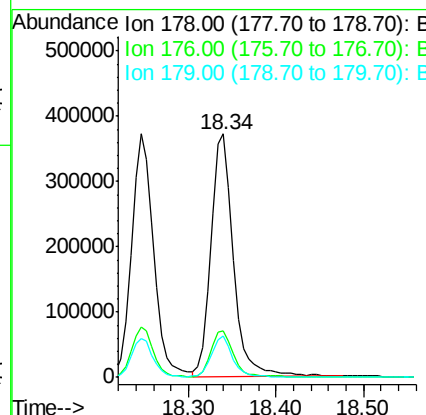
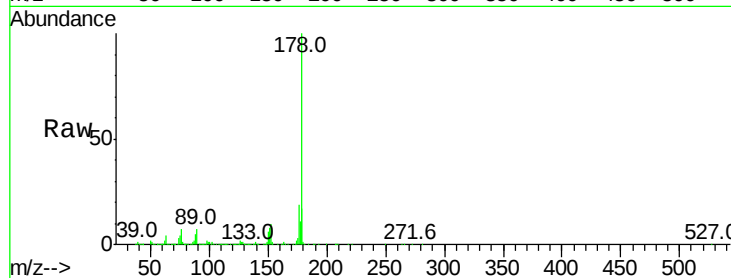




#71
 Anthracene
 Concen: 40.976 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

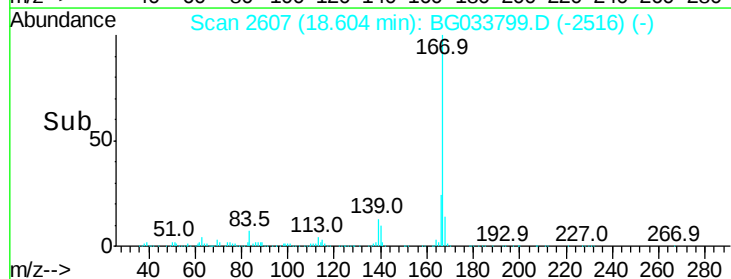
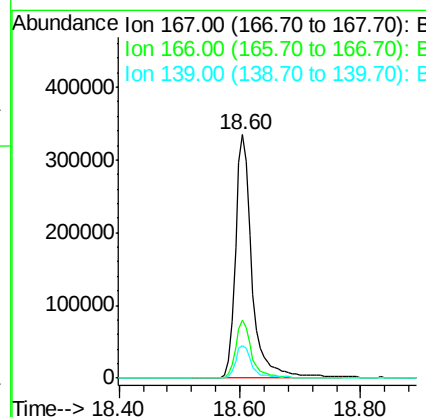
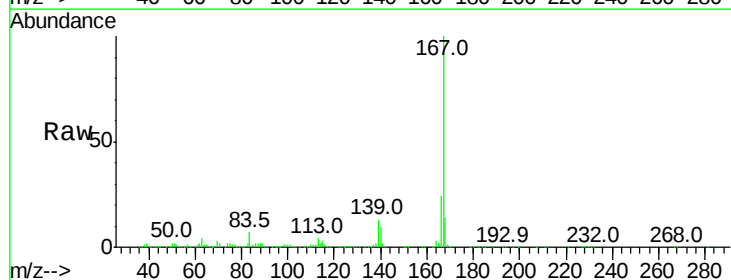
Instrument :
 BNA_G
 ClientSampleId :

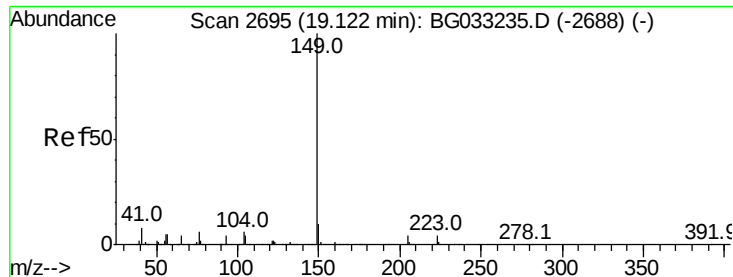
Tot Ion:178 Resp: 663830
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 44.439 ng
 RT: 18.60 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion:167 Resp: 637964
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 13.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.683 ng

RT: 19.09 min Scan# 2689

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

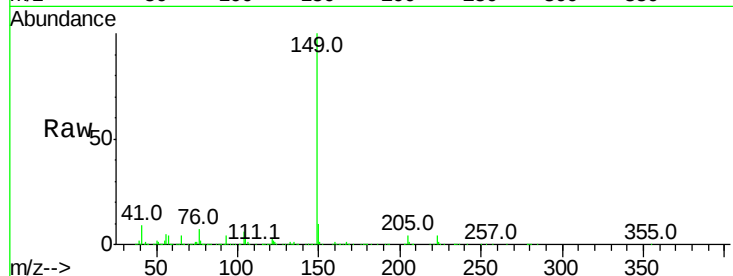
Tot Ion:149 Resp: 763340

Ion Ratio Lower Upper

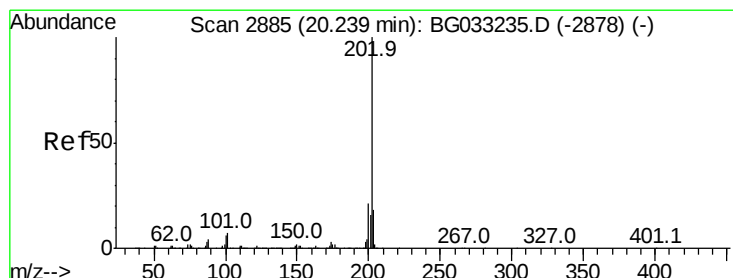
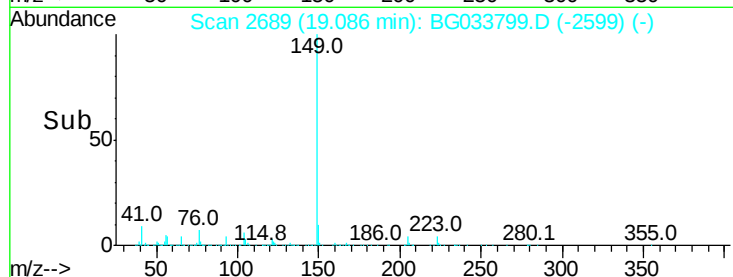
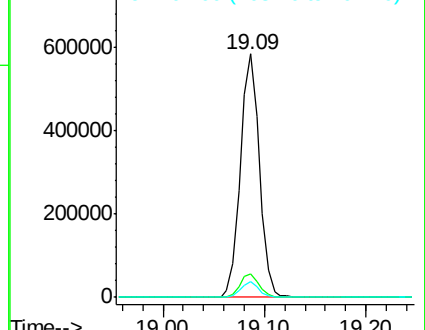
149 100

150 9.9 7.8 11.6

104 6.2 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.697 ng

RT: 20.20 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

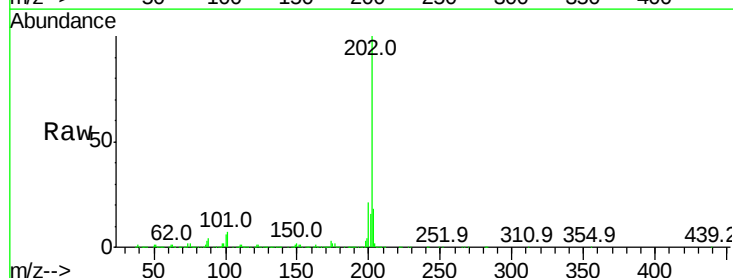
Tgt Ion:202 Resp: 825584

Ion Ratio Lower Upper

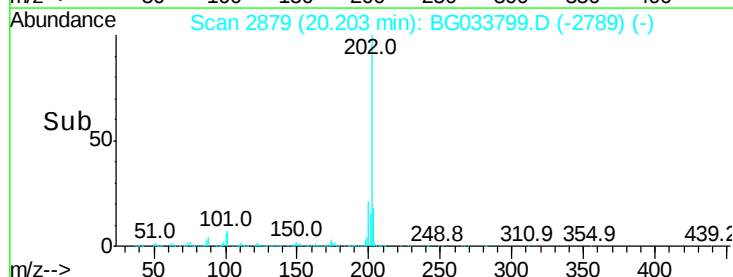
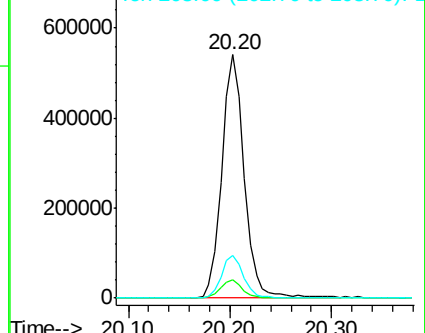
202 100

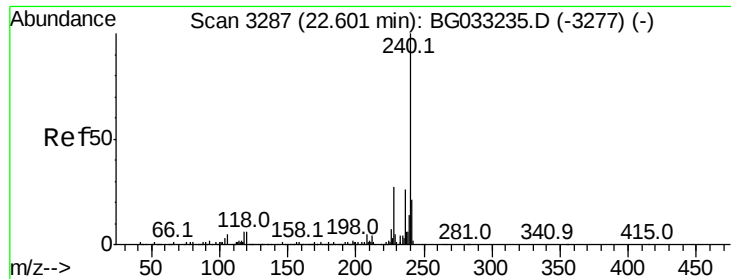
101 7.4 0.0 28.9

203 17.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

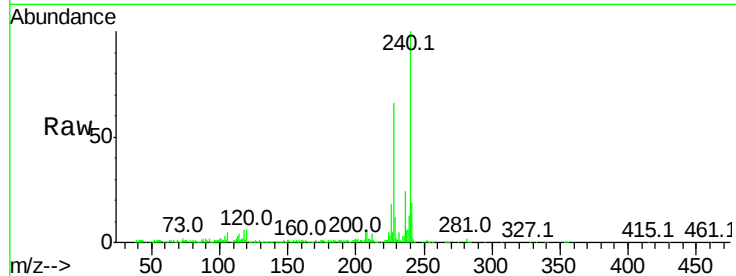
Tot Ion:240 Resp: 310264

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

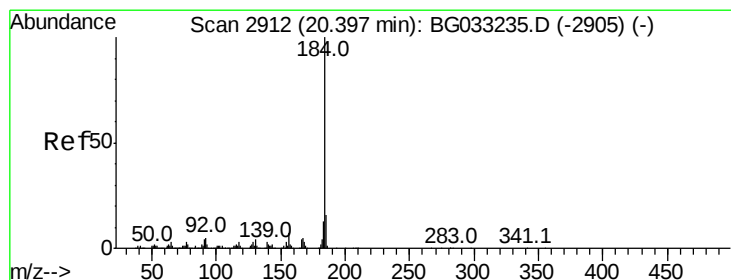
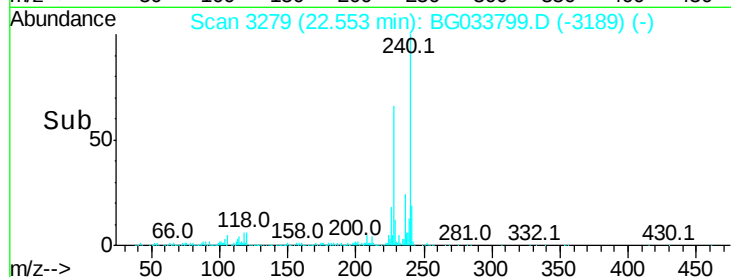
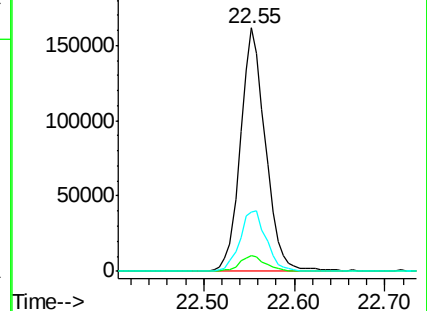
236 24.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.714 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

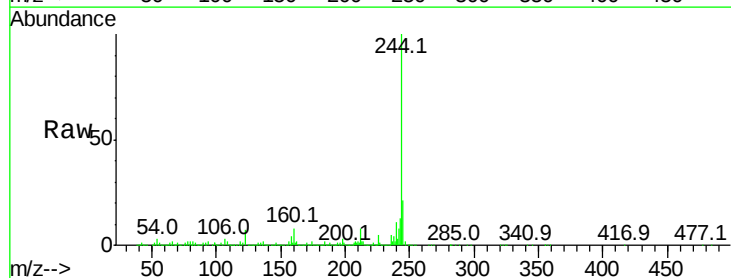
Tgt Ion:184 Resp: 22838

Ion Ratio Lower Upper

184 100

185 20.0 11.1 16.7#

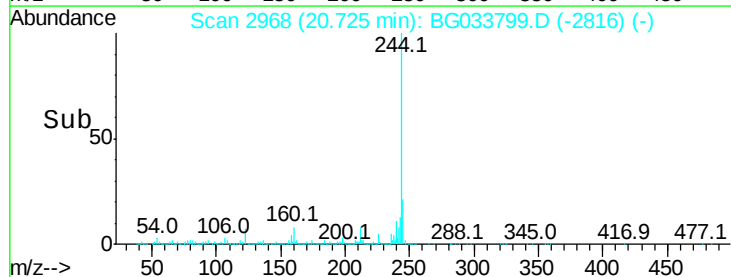
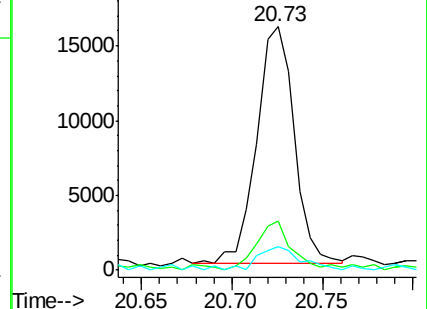
183 9.8 10.6 16.0#

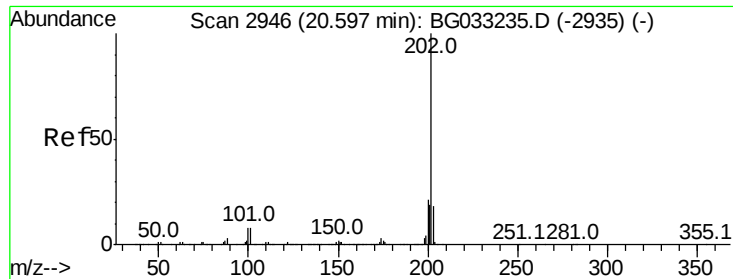


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.904 ng

RT: 20.56 min Scan# 2940

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

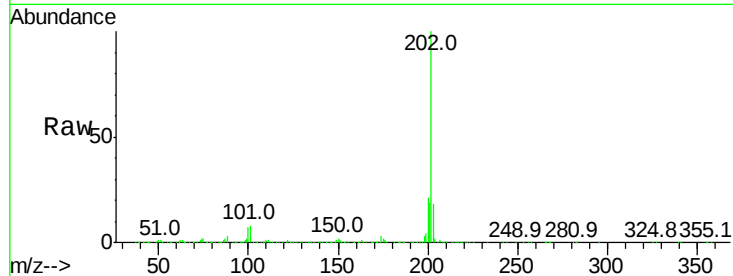
Tot Ion:202 Resp: 846410

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.2	13.9	20.9

202 100

200 21.1 16.9 25.3

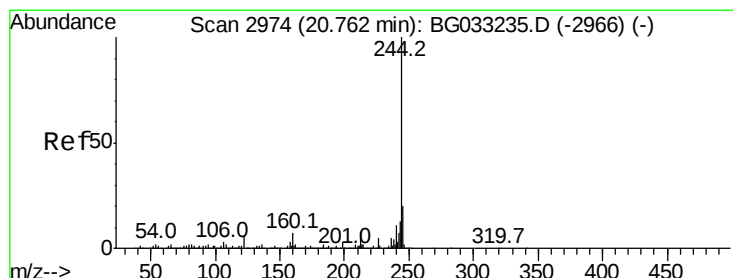
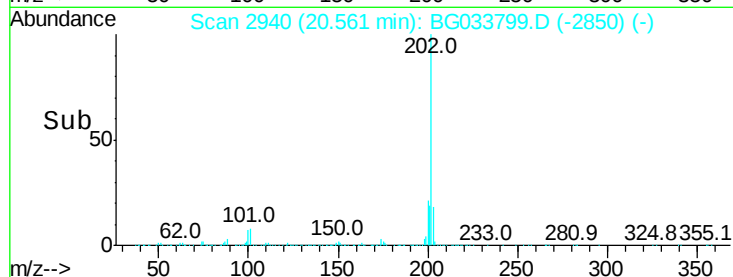
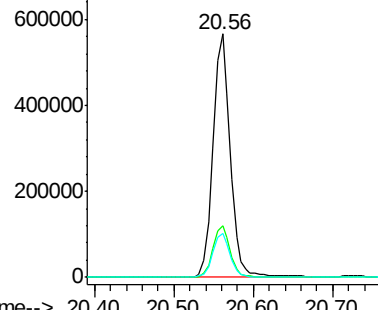
203 18.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.067 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

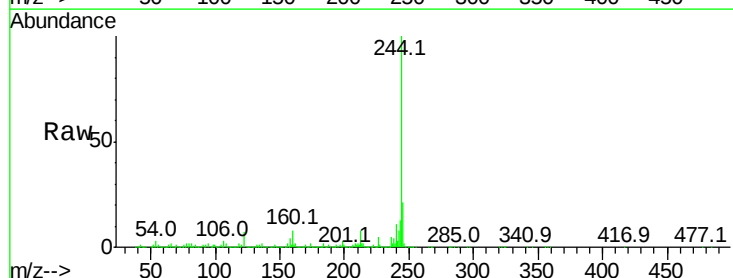
Tgt Ion:244 Resp: 1292164

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	7.0	7.0	10.4

244 100

212 8.3 5.8 8.8

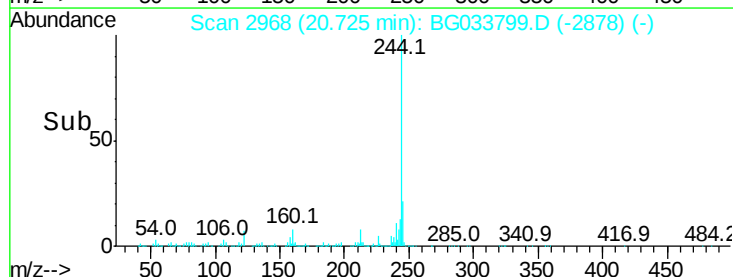
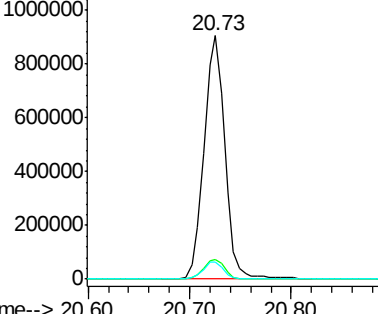
122 7.0 7.0 10.4

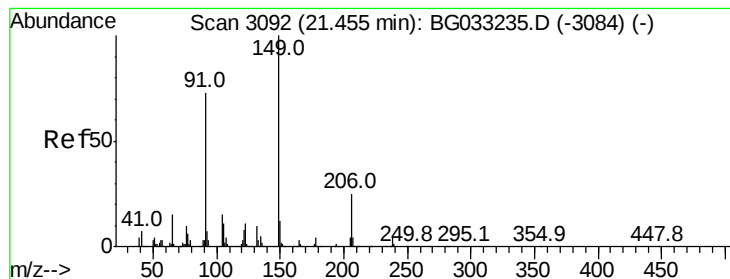


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.167 ng

RT: 21.41 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

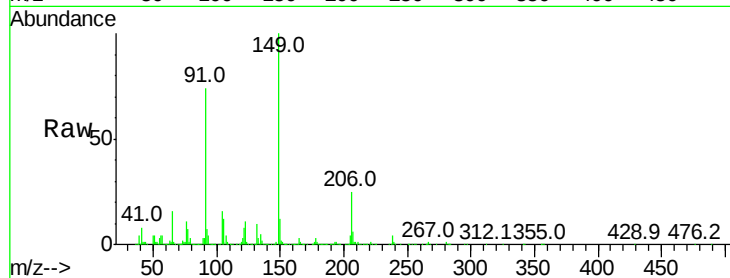
Tot Ion:149 Resp: 337260

Ion Ratio Lower Upper

149 100

91 74.2 62.2 93.2

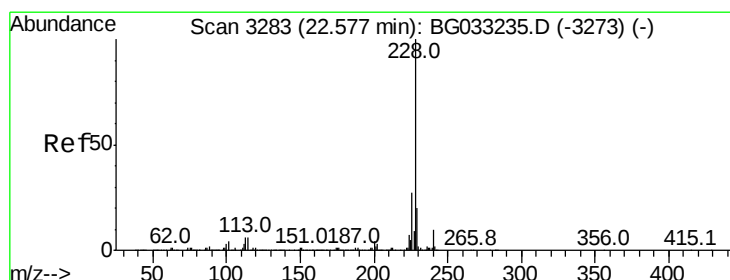
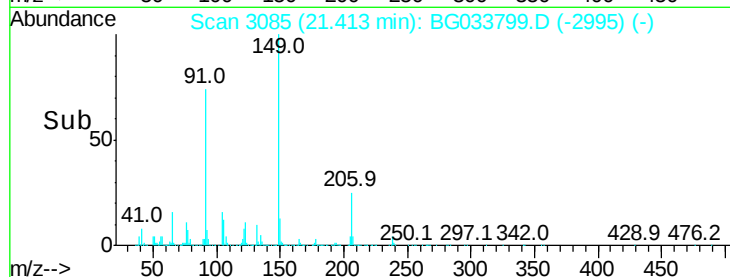
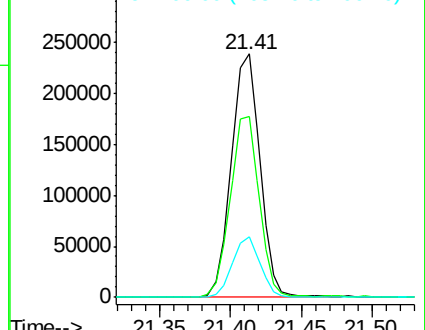
206 25.1 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.327 ng

RT: 22.53 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

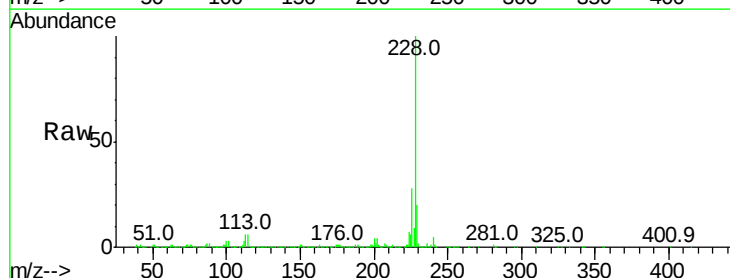
Tgt Ion:228 Resp: 796705

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

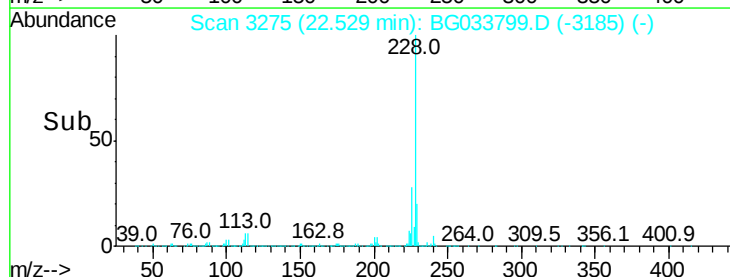
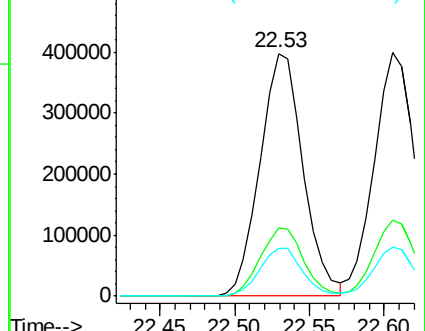
229 19.9 16.2 24.2

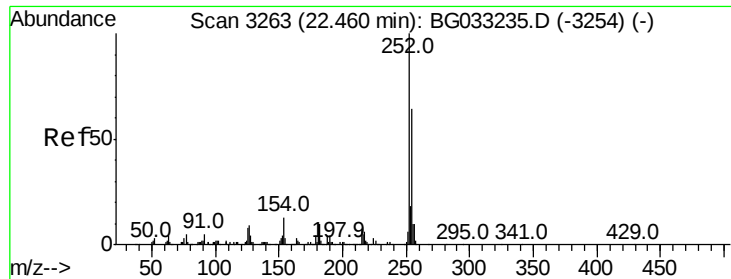


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

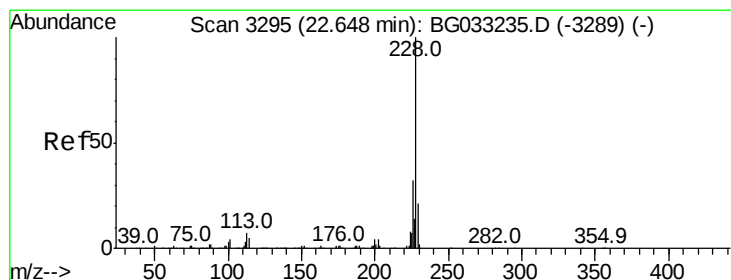
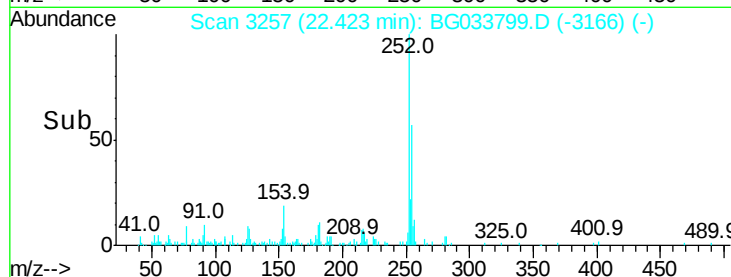
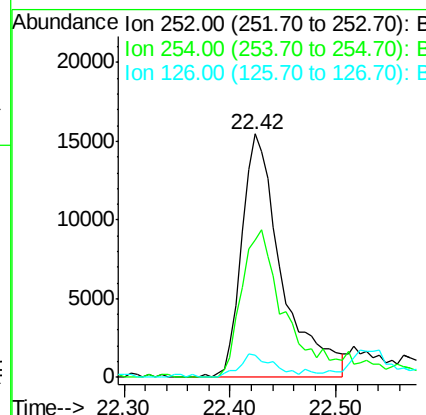
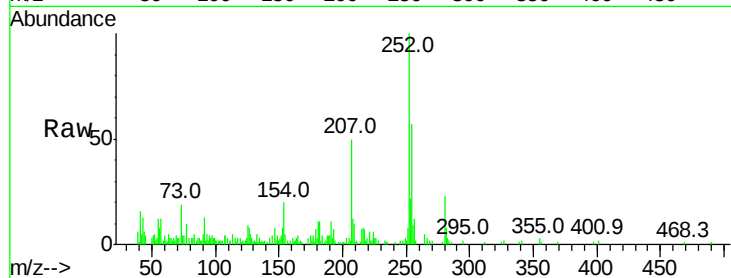




#81
 3,3'-Dichlorobenzidine
 Concen: 5.784 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

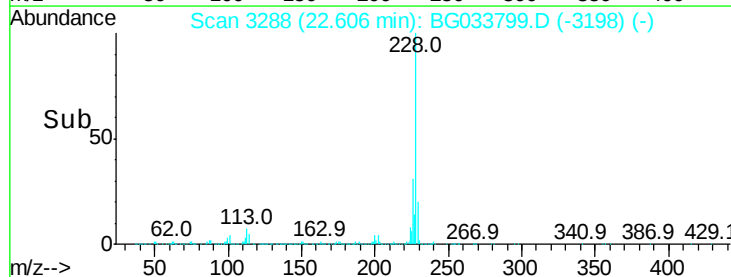
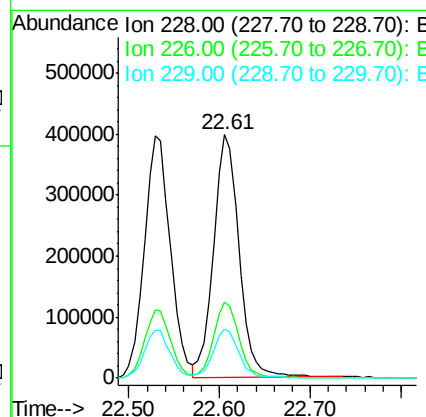
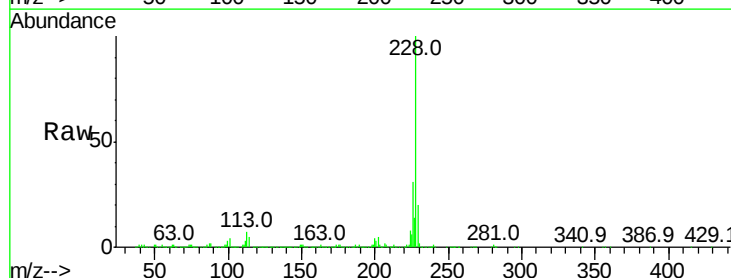
Instrument :
 BNA_G
 ClientSampleId :

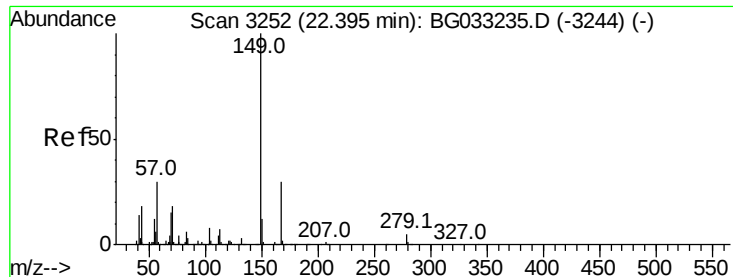
Tot Ion	Ratio	Lower	Upper
252	100		
254	56.6	50.8	76.2
126	8.8	7.4	11.2



#82
 Chrysene
 Concen: 40.655 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.1	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.892 ng

RT: 22.35 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

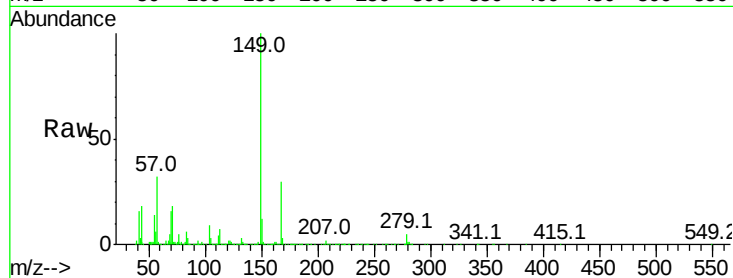
Tot Ion:149 Resp: 472556

Ion Ratio Lower Upper

149 100

167 29.5 24.3 36.5

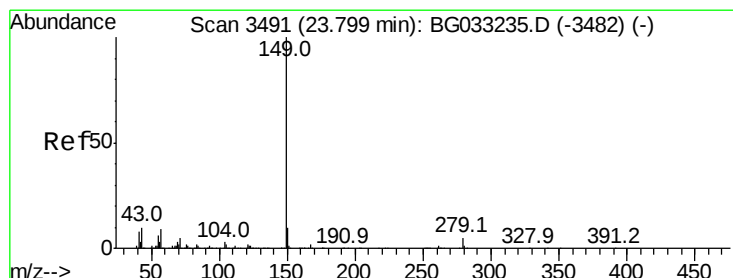
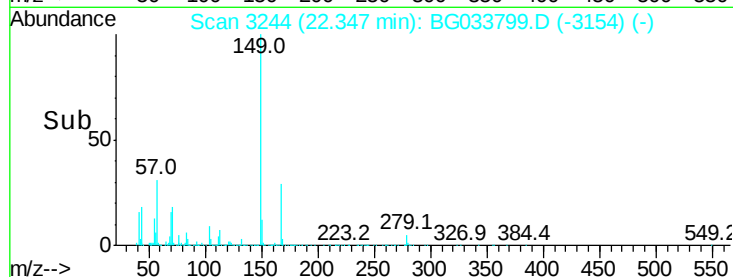
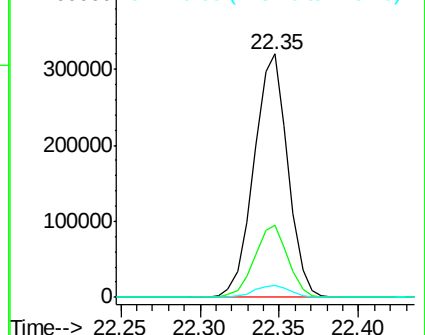
279 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.640 ng

RT: 23.73 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

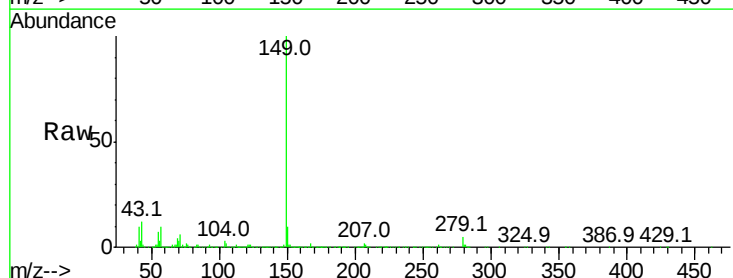
Tgt Ion:149 Resp: 800052

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

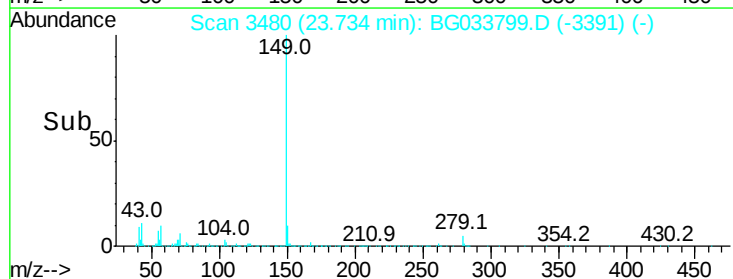
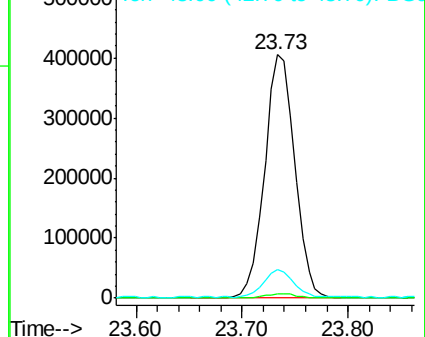
43 11.2 8.9 13.3

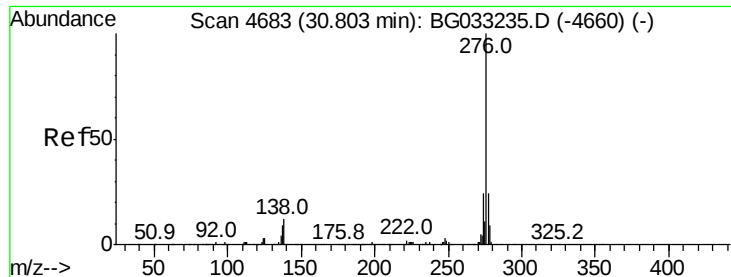


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.004 ng

RT: 30.71 min Scan# 4668

Delta R.T. 0.03 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

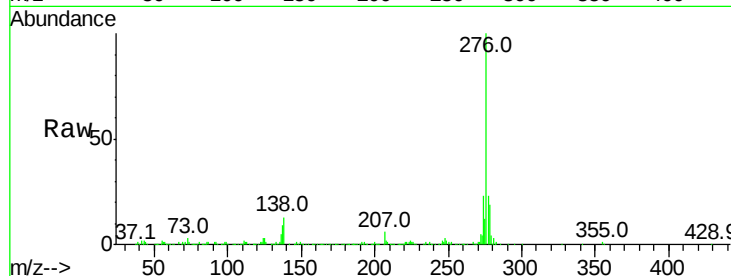
Tot Ion:276 Resp: 868499

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

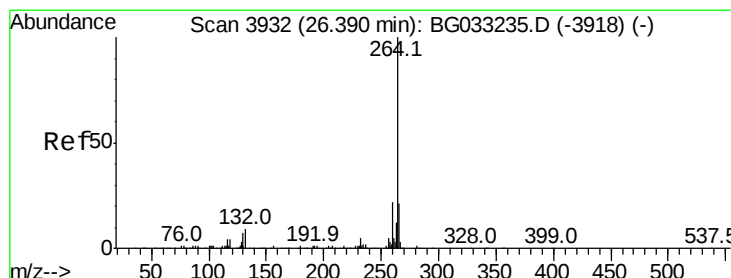
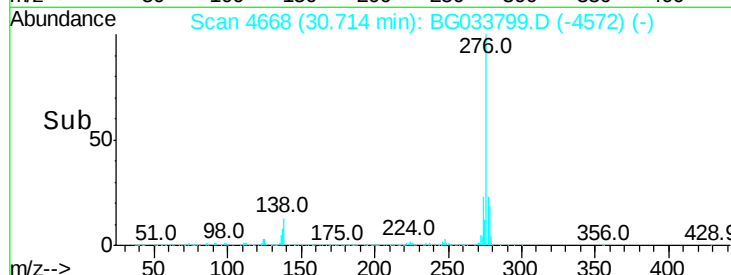
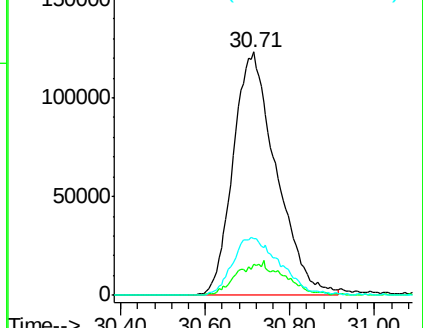
277 26.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

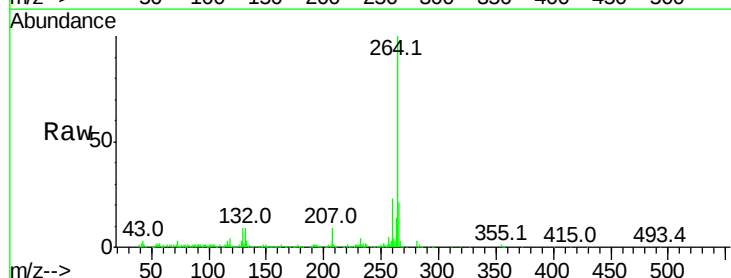
Tgt Ion:264 Resp: 322001

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

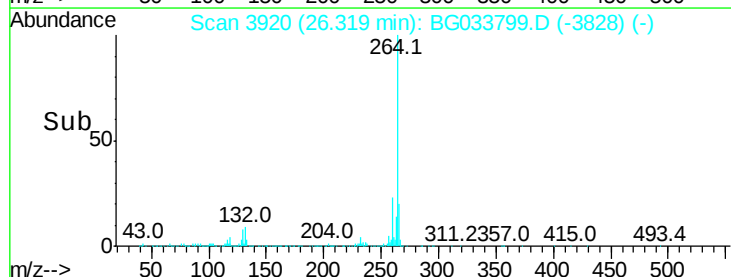
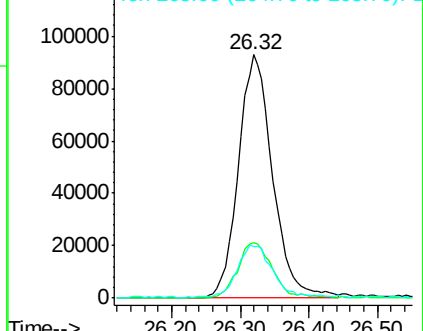
265 21.1 17.7 26.5

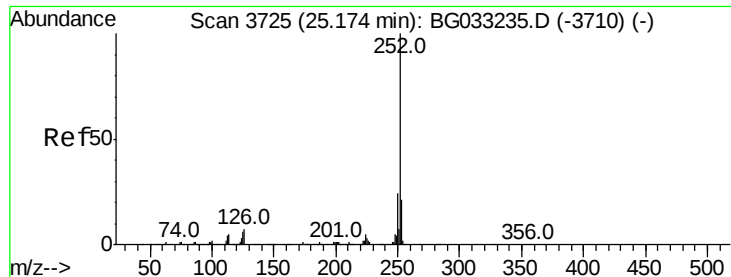


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.265 ng

RT: 25.11 min Scan# 3714

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

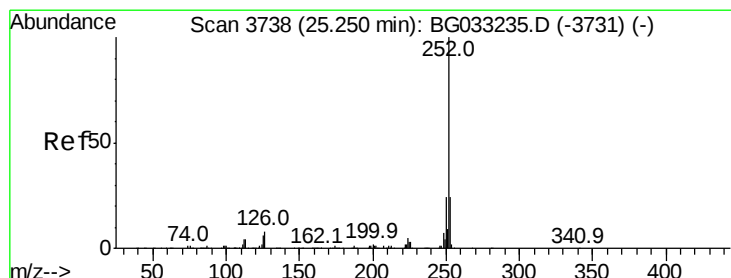
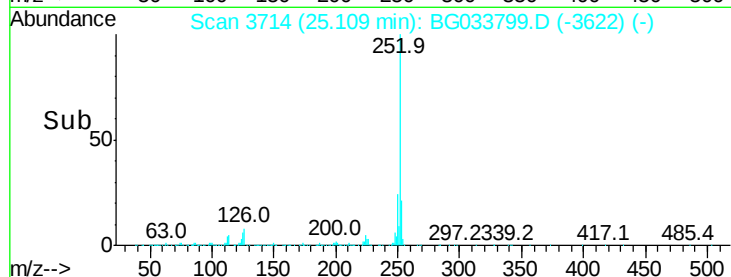
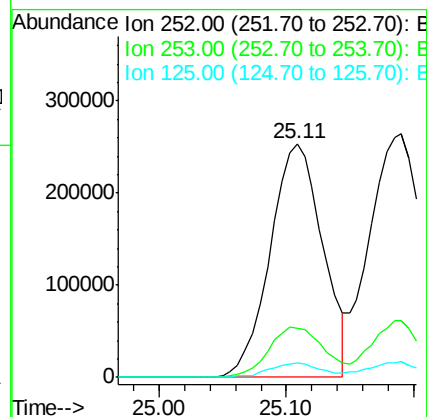
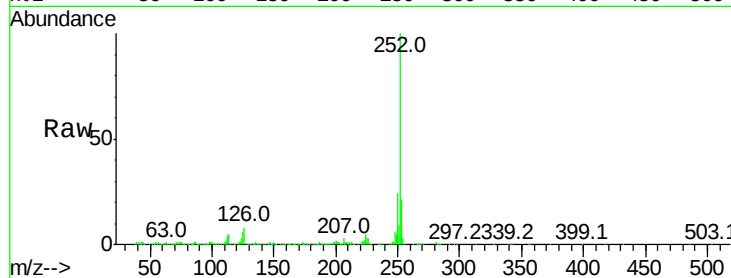
Tot Ion:252 Resp: 730474

Ion Ratio Lower Upper

252 100

253 21.1 18.2 27.4

125 6.4 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 42.091 ng

RT: 25.19 min Scan# 3728

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

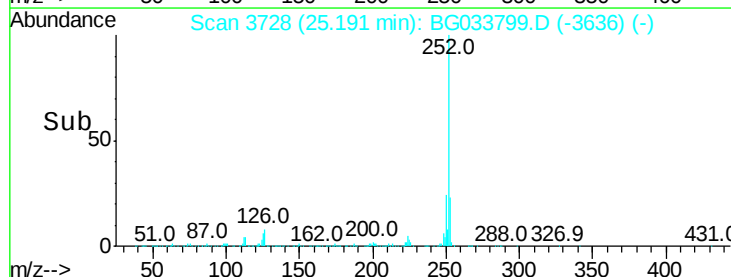
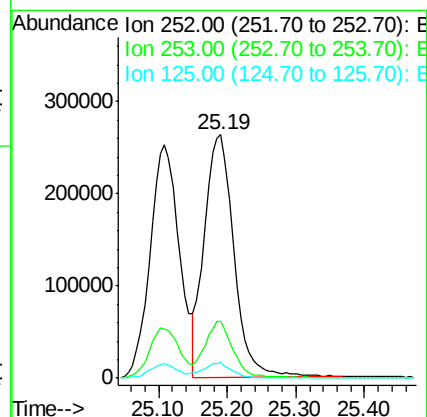
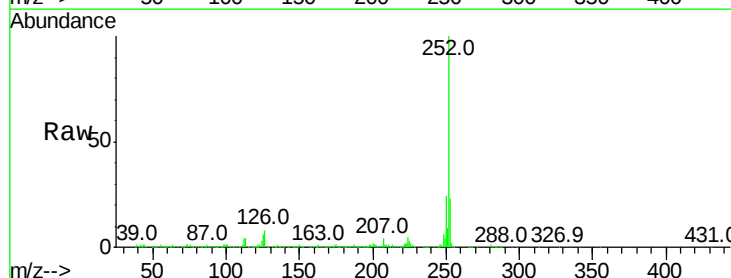
Tgt Ion:252 Resp: 791955

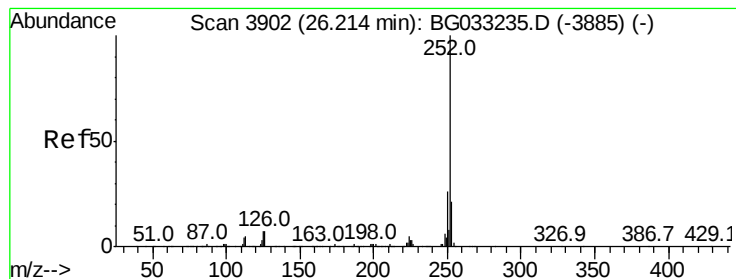
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

125 6.5 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 40.891 ng

RT: 26.14 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

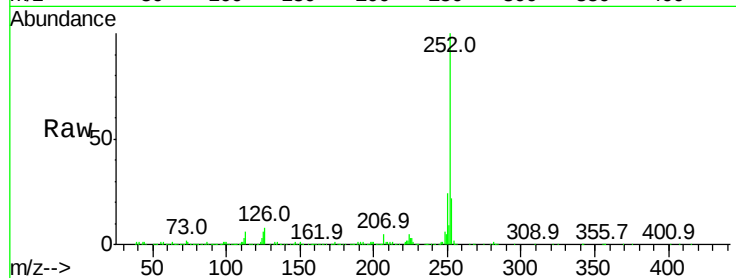
Tot Ion:252 Resp: 730545

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

125 5.9 7.3 10.9#

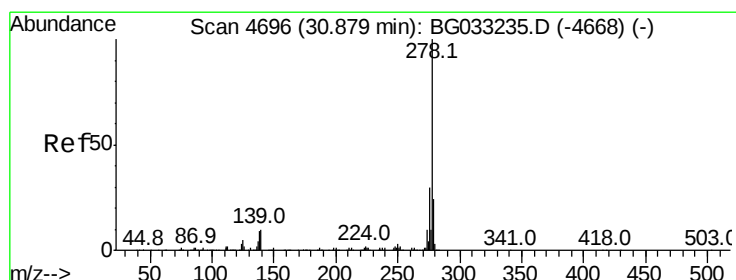
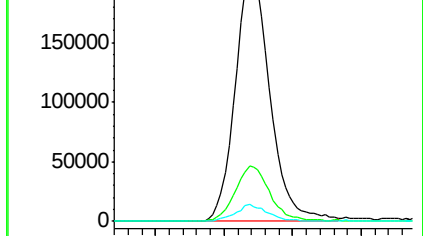
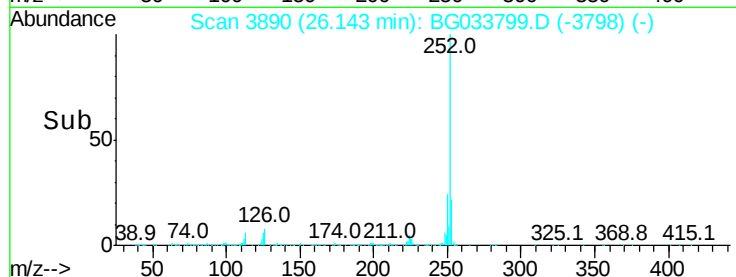


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 43.639 ng

RT: 30.78 min Scan# 4679

Delta R.T. 0.03 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

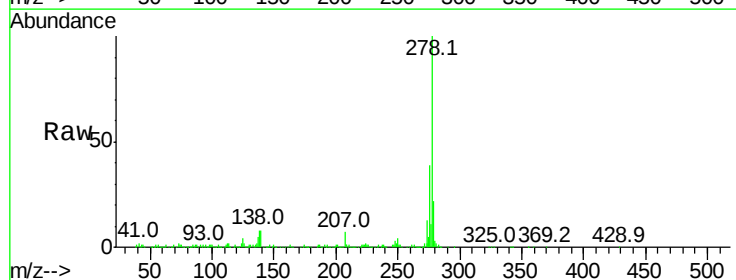
Tgt Ion:278 Resp: 734387

Ion Ratio Lower Upper

278 100

139 8.4 9.8 14.6#

279 21.9 18.4 27.6

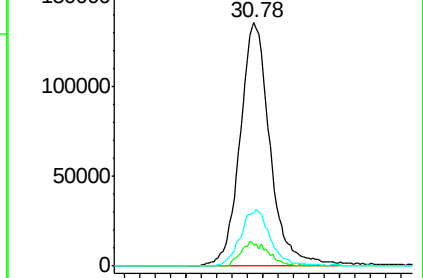
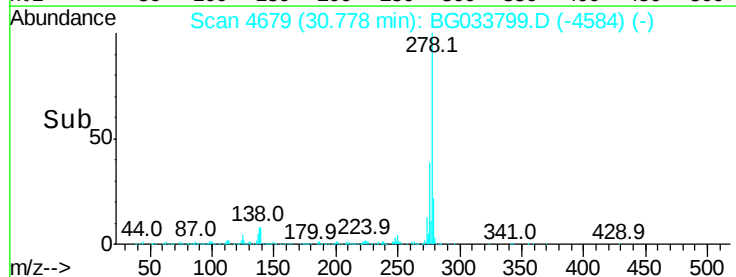


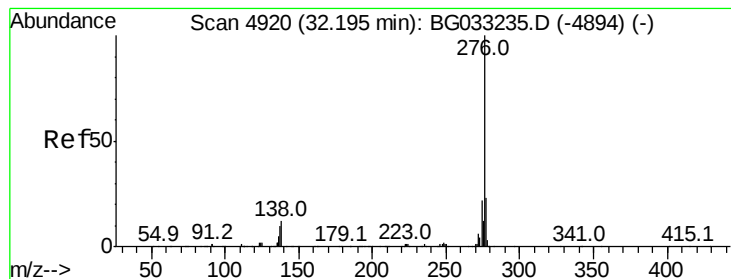
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#91

Benzo(a,h,i)perylene

Concen: 41.873 ng

RT: 32.09 min Scan# 4902

Delta R.T. 0.03 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

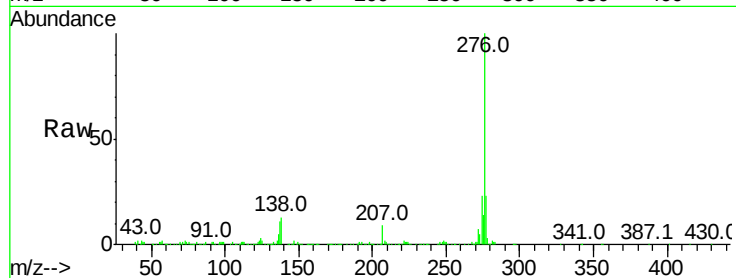
Tot Ion:276 Resp: 697792

Ion Ratio Lower Upper

276 100

277 22.6 18.3 27.5

138 13.4 13.9 20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

